

Martin A. Muckleroy
MUCKLEROY LUNT, LLC
6077 S. Fort Apache Rd., Ste 140
Las Vegas, NV 89148
Phone (702) 907-0097
Fax (702) 938-4065
martin@muckleroylunt.com

Brian D. Clark (*pro hac vice* forthcoming)
Rebecca A. Peterson (*pro hac vice* forthcoming)
Stephen J. Teti (*pro hac vice* forthcoming)
Arielle S. Wagner (*pro hac vice* forthcoming)
LOCKRIDGE GRINDAL NAUEN PLLP
100 Washington Avenue S, Suite 2200
Minneapolis, MN 55401
Phone: (612) 339-6900
Fax: (612) 339-0981
bdclark@locklaw.com
rapeterson@locklaw.com
sjteti@locklaw.com
aswagner@locklaw.com

**UNITED STATES DISTRICT COURT
DISTRICT OF NEVADA**

THESE PAWS WERE MADE FOR
WALKIN' LLC, on behalf of itself and all
others similarly situated,

Case No.

CLASS ACTION COMPLAINT

JURY TRIAL DEMANDED

PERMIAN RESOURCES CORP. f/k/a
CENTENNIAL RESOURCE
DEVELOPMENT, INC.; CHESAPEAKE
ENERGY CORPORATION;
CONTINENTAL RESOURCES INC.;
DIAMONDBACK ENERGY, INC.; EOG
RESOURCES, INC.; HESS
CORPORATION; OCCIDENTAL
PETROLEUM CORPORATION; and
PIONEER NATURAL RESOURCES
COMPANY.

Defendants.

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1 Plaintiff These Paws Were Made For Walkin' LLC, individually and on behalf of all similarly
 2 situated persons and entities, bring this antitrust class action lawsuit for treble damages and injunctive
 3 relief against Defendants Permian Resources Corporation (f/k/a Centennial Resource Development,
 4 Inc.); Chesapeake Energy Corporation; Continental Resources Inc.; Diamondback Energy, Inc.; EOG
 5 Resources, Inc.; Hess Corporation; Occidental Petroleum Corporation; and Pioneer Natural Resources
 6 Company (collectively "Defendants").
 7

8 **I. NATURE OF ACTION**

9 1. This action arises from Defendants' conspiracy to coordinate, and ultimately constrain,
 10 domestic shale oil production. Defendants' conspiracy has had and continues to have the purpose and
 11 effect of fixing, raising, and maintaining the price of crude oil in and throughout the United States of
 12 America (and worldwide).
 13

14 2. Shale oil—also called "tight oil," —is a high-quality crude oil found between layers of
 15 shale rock, impermeable mudstone, or siltstone that can be extracted, refined, and used to produce
 16 gasoline, diesel fuel, and other commercial products sold in the United States. Shale oil is produced
 17 by fracturing the rock formations that contain the lawyers of oil in a process known as hydraulic
 18 fracturing, or more commonly, "fracking."

19 3. Crude oil is the main input into gasoline and diesel fuel.¹ The price of crude oil is the
 20 main factor involved in establishing the price of gasoline and diesel fuel at the pump. Approximately
 21 90% of variation in the price of these fuels directly related to the price of crude. A conspiracy to raise
 22 crude oil prices is also a conspiracy to raise the prices of gasoline and diesel fuel.
 23

24 4. Shale oil, along with other crude oil, is sold to refineries. Refineries purchase and
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26
 27 ¹ Throughout this Complaint, references to "gasoline" are to retail gasoline, including but not limited
 28 to all grades and formulations sold to individual commercial end-users at retail gasoline stations
 throughout the U.S. "Diesel fuel" refers to No. 2 distillate diesel fuel sold at retail.

1 combine shale oil produced by Defendants with other shale oil, as well as crude oil extracted from
2 traditional drilling methods. The refineries then refine the crude oil into gasoline, diesel, or other
3 petroleum-based products. Crude oil is the primary upstream input in gasoline and diesel fuel.

4 5. Gasoline and diesel fuel are then transported to storage terminals, where they are stored
5 and blended prior to sale to gas stations for onward sale to members of the Classes.

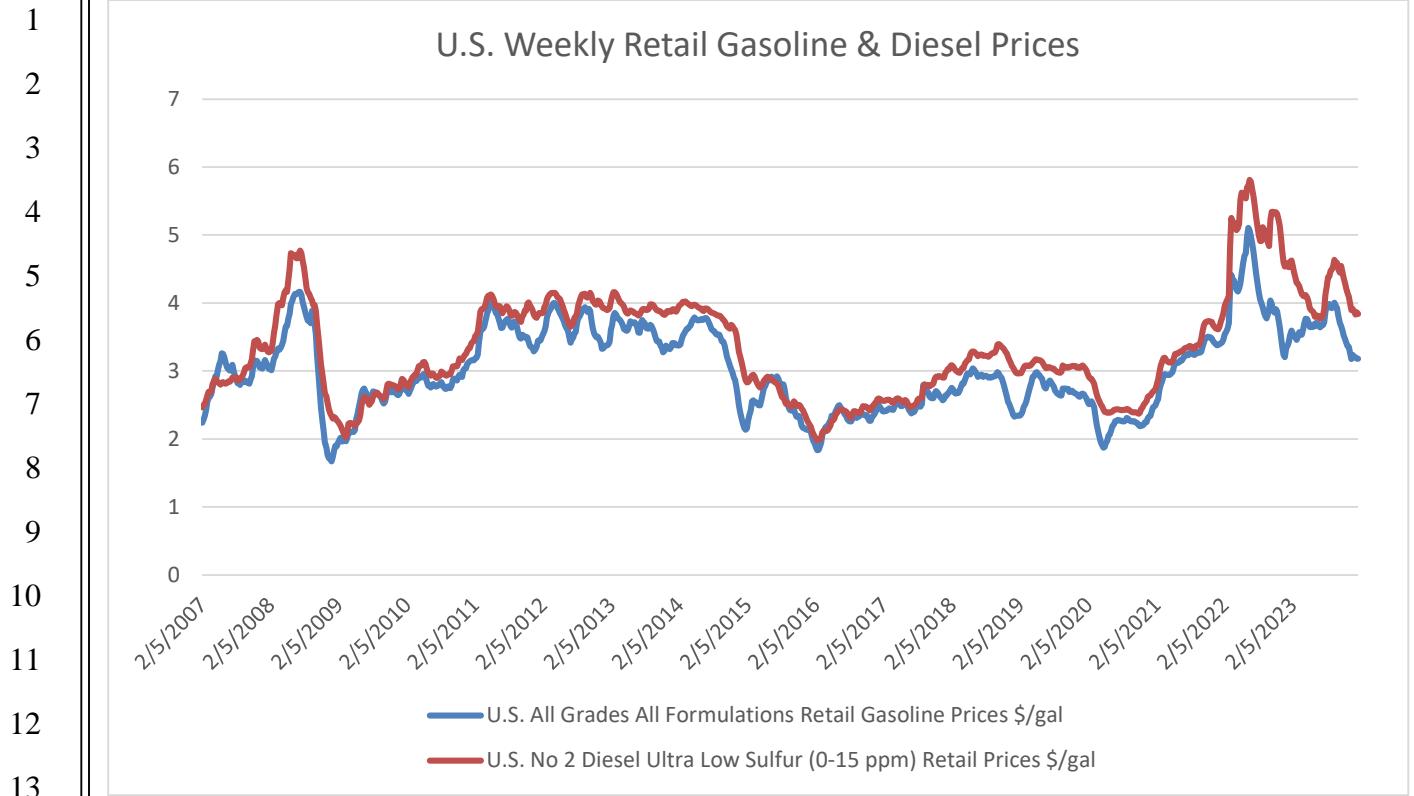
6 6. Refined gasoline and diesel fuel is transported to storage terminals, where the fuel is
7 stored and blended before sale to gas stations and truck stops that make up the over 145,000 retail fuel
8 outlets across the U.S., for onward sale for commercial use to members of the Classes and other retail
9 customers.

10 7. Defendants conspired with the Organization of the Petroleum Exporting Countries
11 (“OPEC”). As an international oil cartel, OPEC believes it can avoid U.S. antitrust law because its
12 members are sovereign nations. Defendants agreed with OPEC to constrain production of crude oil
13 worldwide, with the purpose and effect of fixing, raising, and maintaining the price of crude oil (and
14 therefore retail gasoline and retail diesel fuel prices) in and throughout the United States of America
15 (and worldwide). Defendants are not sovereign nations. They are not immune from U.S. antitrust law.

16 8. Defendants’ conspiracy had a massive impact on retail gas and diesel prices. This is not
17 a situation where Defendants slightly raised prices by small amounts, and slowly accumulated millions
18 of dollars by cheating their customers here and there. The impact was much larger. Though the exact
19 effects of the conspiracy are yet to be determined, one can get a rough idea of the impact by reference
20 to this graph:²

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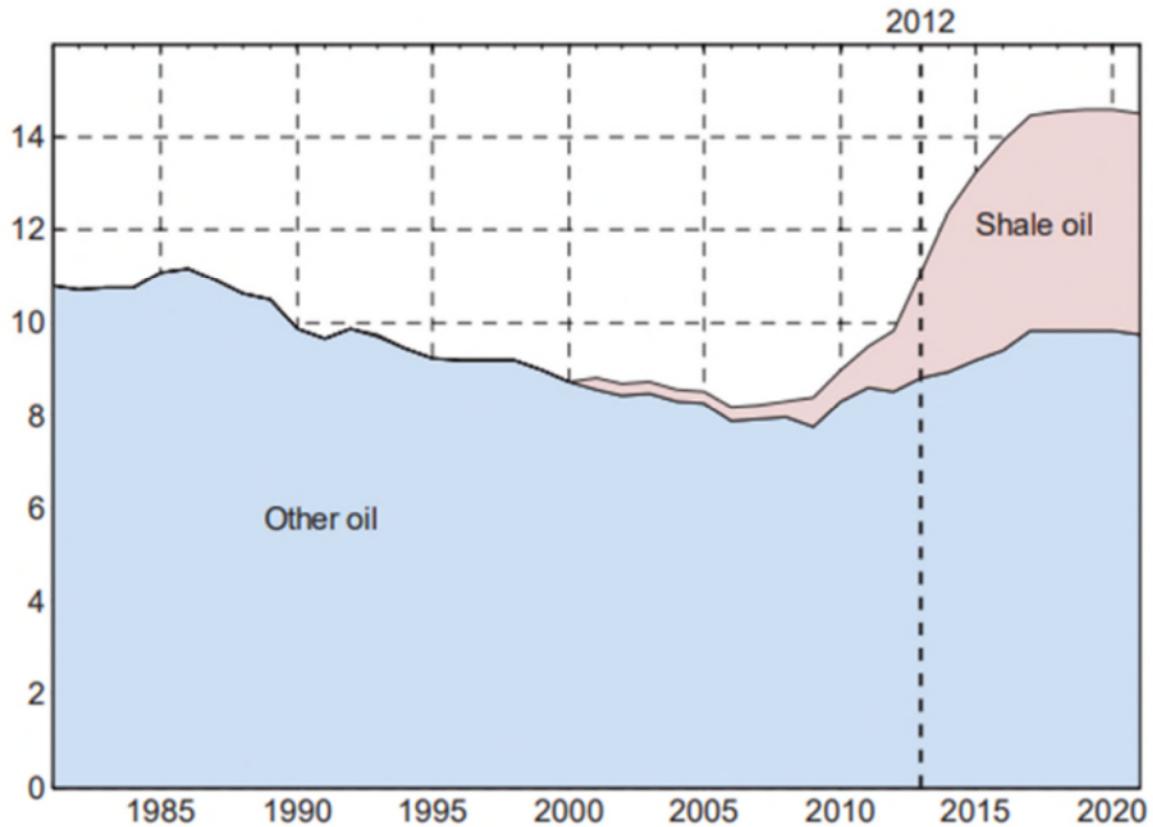
² Source: www.eia.gov.



9. Plaintiff seeks to represent classes of persons and entities that, like Plaintiff, paid artificially inflated prices for motor vehicle fuel, gasoline or diesel, they purchased for commercial use. Gasoline and diesel fuel are a major cost of businesses small and large, from individually-owned dog walking and grooming businesses to major long-haul trucking businesses employing thousands of drivers. Members of the Classes purchase millions of gallons of gasoline and diesel for commercial use every day. Running a business, especially one that depends on highly cost-variable inputs like fuel, is difficult and risky under the best of circumstances. Defendants have made, and continue to make, it harder, violating the law to misappropriate billions of dollars that should belong to members of the Classes.

10. Shale oil is a relatively new business. Major commercial “fracking” of shale formations began around 1998, but focused mostly at natural gas deposits, which were more economically recoverable. Some shale oil was produced in connection with these projects (natural gas and oil are often present in the same wells) and in particularly economical areas, but volumes of shale oil remained

1 relatively insubstantial until 2011 or 2012, when it suddenly took off:



11. This chart, from a 2015 report written for the European Central Bank,³ predicted
 12 substantial growth in shale oil volumes—though it substantially underestimated its rise. Today, shale
 13 oil represents nearly 2/3 of the onshore production of crude oil in the United States.⁴

14. Domestic independent shale producers (“Independents”) are companies that mostly
 15 focus on the exploration, development, and production of domestic shale resources. Independents are
 16 distinct from large vertically integrated energy companies, like Chevron and ExxonMobil (known as
 17 “supermajors”), with diverse global operations encompassing the exploration, production, refining,
 18 and distribution of various energy resources. For example, in 2019, just 7% of Chevron’s total global
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 26 ³ Cristiana Belu Mănescu and Galo Nuño, *Quantitative Effects of the Shale Oil Revolution*, European
 27 Central Bank Working Paper Series No. 1855 (Sep. 2015) at 28,
 28 <https://www.ecb.europa.eu/pub/pdf/scpwps/ecbwp1855.en.pdf>.

29 ⁴ *How Much Shale (Tight) Oil is Produced in the United States?*, EIA (Mar. 27, 2023),
 30 <https://www.eia.gov/tools/faqs/faq.php?id=847&t=6>.

1 crude oil produced was from U.S. shale operations.

2 13. Defendants are among the largest Independents. Since the shale boom, Independents
 3 have acted as “swing producers” for the global oil market. Swing here means that Defendants had the
 4 ability to adjust shale oil production levels rapidly in response to changes in market conditions and
 5 therefore push, or “swing,” the price of crude oil.

6 14. Successful Independents specialize in “racing.” That is, they race to: (a) acquire the
 7 rights to drill in newly discovered shale plays;⁵ (b) drill wells as fast as possible; and (c) to secure
 8 fracturing and production services that bring wells onto production. Shale wells are usually shorter-
 9 lived than their conventional counterparts, and relatively more expensive over the life of the project.
 10 Thus, the profitability of shale oil projects often depends on timing and volume. Successful companies
 11 are those that spin up new projects fast in response to economically viable oil prices. “In a shale play
 12 if you stop running, you will fly off the back of the treadmill,” one former oil executive told the
 13 *Financial Times*. “Just to stay still, you’ve got to do a lot of drilling.”⁶

14 15. The market saw years of low prices driven by the increasing efficiency and volume of
 16 shale oil production. This included a bizarre day in April 2020 in which the price of spot crude oil
 17 dropped to negative \$36 a barrel.⁷

18 16. However, beginning in or around January 2021, the U.S. experienced record-high crude

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 22 ⁵ A shale “play” refers to a geologic formation containing significant hydrocarbon resources and, by
 23 extension, the surface region above the formation where drilling companies extract those resources.
 24 For example, the “Bakken Shale play” refers both to an oil-rich section of Late Devonian/Early
 25 Mississippian deposited between approximately 360 million years ago, but also to roughly 200,000
 26 square miles of land in North Dakota, Montana, Saskatchewan, and Manitoba from which it can be
 27 drilled.

28 ⁶ *US Shale Oil: Can a Leaner Industry Ever Lure Back Investors?*, FIN. TIMES, (Feb. 1, 2021),
 29 <https://www.ft.com/content/a8d72d4d-09b1-47fb-bb6c-3c314770f1c1>.

30 ⁷ Crude oil supply is measured by the number of “barrels” produced, each of which contains 42 gallons
 31 of crude oil. Daily oil production is measured in barrels per day, which is at times abbreviated as bpd,
 32 but is also b/d or B/D. Production over longer periods is often measured in millions of barrels,
 33 abbreviated as MMbbl.

1 oil prices. Indeed, prices reached levels not seen since before the shale boom. Crude oil prices today
 2 are well above the economical levels for shale oil production. Basic principles of supply and demand
 3 dictate that, as swing producers, Defendants should have been “racing” and drilling wells as fast as
 4 possible, increasing production to capitalize on the rise in price. Instead, Defendants collectively
 5 decided not to increase their U.S. shale oil production, thereby keeping prices high.
 6

7 17. Defendants’ agreement to curb U.S. shale oil production is part of their cooperation and
 8 collusion with OPEC, which also sought to raise oil prices by managing oil production during this
 9 period. When initially faced with the threat of Defendants’ shale production, as alleged herein, OPEC
 10 declared a “price war” on Defendants, seeking to drive them out of the market.

11 18. Defendants, however, stood their ground in the “price war.” Since OPEC failed to beat
 12 Defendants, it decided to join them. Defendants readily joined the cartel. Between 2017 and 2023,
 13 Defendants met and communicated regularly with each other, as well as with OPEC. They sought to
 14 coordinate their collective oil output in response to market conditions. After their meetings,
 15 Defendants’ representatives regularly offered public statements confirming these discussions and the
 16 exchange of confidential information. Over time, these statements became bolder and more brash.
 17 Specifically, Defendants confirmed that they discussed with each other and OPEC their production
 18 strategies, future investment plans, and price targets. Likewise, when publicly discussing their
 19 meetings with Defendants, OPEC officials spoke favorably of the cooperative nature of their
 20 developing relationship with Defendants.
 21

22 19. Defendants’ executives’ public statements reinforced their new agreement with OPEC.
 23 For one example, Diamondback’s CEO Travis Stice described a meeting among shale producers and
 24 OPEC as an “open dialogue on some of the things that are going on in the U.S. shale revolution, U.S.
 25 oil production and the associated balance of what’s going on in our industry.” In the lead up to another
 26 meeting, a shale CEO bragged: “***We now have a seat at the table on pricing.***”
 27
 28

1 20. However, OPEC officials, unaccustomed to U.S. antitrust laws, were even more
 2 forthcoming about their collusive meetings with Defendants. For example, in an official OPEC bulletin
 3 describing one meeting, OPEC Secretary General Mohammed Sanusi Barkindo said, “[w]e had a very
 4 open, frank, and lively conversation[] on [the] current state of the cycle and we also compared note[s]
 5 from our experiences during these cycles, how we should proceed going forward.” On a panel with
 6 Hess Oil CEO John Hess, Secretary General Barkindo was even more explicit: ***“We have to continue
 7 to collaborate. It’s one industry. It’s a global industry, and I think our colleagues in the U.S. are on
 8 the same page with us and we will work together to exchange views.”***

10 21. From when the meetings between U.S. shale producers and OPEC began in 2017 until
 11 early 2020, when the COVID-19 pandemic erupted, worldwide oil prices and supply remained
 12 relatively low and stable as OPEC and the Defendants negotiated uneasy production cuts. Defendants
 13 wanted OPEC to cut production to benefit all producers. OPEC insisted that Defendants also reduce
 14 production, rather than “free riding” on OPEC’s cuts.

16 22. Then, in the beginning of the COVID-19 pandemic, gasoline and diesel fuel demand
 17 dropped precipitously. This sent shock waves through the oil supply chain.

18 23. However, by early 2021, as the world began to emerge from the COVID-19 pandemic,
 19 demand began to rebound dramatically and crude oil prices increased steadily. The Russian invasion
 20 of Ukraine in February 2022 only exacerbated the increase in the price of crude oil. These historically
 21 high crude oil prices provided ideal market conditions for agile swing producers like Defendants to
 22 aggressively increase production: breakeven prices had never been lower and swing producers were
 23 operating in regions with an abundance of profitable opportunities.

25 24. Nonetheless, Defendants did not take advantage of these market opportunities. Rather
 26 than following their historical practice and acting according to rational independent self-interest, each
 27 Defendant instead limited their domestic shale production growth.

1 25. No Defendant would fail to respond to these price signals unless they had agreement
2 among themselves to cut production. Swing producers should have done what they have always did
3 in boom times: make every effort to cash in. Indeed, this is exactly what small independent shale
4 producers, without enough market share to earn the ire of the cartel, are doing today. Defendants,
5 however, did not. They agreed to remain “disciplined” and limit their shale production volumes.
6

7 26. Defendants’ agreement to limit their respective shale production volumes has had, and
8 continues to have, the effect of fixing and/or stabilizing at an artificially high-level U.S. (and global)
9 crude oil prices, which in turn fixed and/or stabilized retail gasoline and retail diesel fuel prices in the
10 United States at an artificially high level.

11 27. Defendants’ cartel is a *per se* unlawful restraint of trade under numerous state antitrust
12 and competition laws. Plaintiff and the Classes suffered substantial harm as a result of the supra-
13 competitive prices they paid for retail gasoline or retail diesel for commercial use as a direct and
14 proximate result of the cartel to constrain domestic production of shale oil in the United States. Plaintiff
15 brings this suit to recover that loss.

17 **II. PARTIES**

18 28. Plaintiff, These Paws Were Made For Walkin’ LLC, is a dog walking, pet sitting, and
19 vacation care provider. Plaintiff is headquartered in Minneapolis, Minnesota. During the class period,
20 Plaintiff purchased in states including Minnesota gasoline for commercial use and has paid higher
21 retail gasoline prices as a result of the allegations alleged herein.

22 29. Defendant Permian Resources Corporation is a publicly traded Delaware corporation
23 headquartered in Midland, Texas. It is a major producer of crude oil from shale oil formations, largely
24 in the Permian Basin in Texas and New Mexico. Permian was formed in 2022 in a transaction between
25 Centennial Resource Development, Inc. (“Centennial”) and Colgate Energy Partners III, LLC. During
26 most of the period relevant to this complaint, it was known as Centennial. It sells crude oil into the
27
28

1 U.S. domestic market where it is refined and disseminated across the country. Its common stock trades
2 on the New York Stock Exchange under the “PR” ticker symbol.

3 30. Defendant Chesapeake Energy Corporation (“Chesapeake”) is a publicly traded
4 Oklahoma Corporation headquartered in Oklahoma City, Oklahoma. It is a major producer of crude
5 oil from shale oil formations, with operations in Louisiana and Pennsylvania. It sells crude oil into the
6 U.S. domestic market where it is refined and disseminated across the country. Its common stock trades
7 on the NASDAQ Stock Market under the “CHK,” “CHKEW,” “CHKEZ,” and “CHKEL” ticker
8 symbols.

9 31. Defendant Continental Resources Inc. (“Continental”) is an Oklahoma Corporation
10 headquartered in Oklahoma City, Oklahoma. It is a significant producer of crude oil using shale oil
11 formations, with operations in North Dakota, Montana, Oklahoma, Texas, and Wyoming. Continental
12 sells crude oil into the U.S. domestic market where it is refined and disseminated across the country.
13 Until November 22, 2022, its common stock traded on the New York Stock Exchange under the “CLR”
14 ticker symbol. Thereafter, the company became privately owned by Harold Hamm, the company’s
15 founder, who purchased it through a series of take-private transactions with Omega Acquisition Inc.

16 32. Defendant Diamondback Energy, Inc. (“Diamondback”) is a publicly traded Delaware
17 Corporation headquartered in Midland, Texas. It is a major producer of crude oil using shale oil
18 formations in Texas. Diamondback sells crude oil into the U.S. domestic market where it is refined and
19 disseminated across the country. Its common stock trades on the NASDAQ Stock Market under the
20 “FANG” ticker symbol.

21 33. Defendant EOG Resources, Inc. (“EOG”) is a publicly traded Delaware Corporation
22 headquartered in Houston, Texas. EOG is a major producer of crude oil from oil shale formations with
23 operations covering North Dakota, Wyoming, Colorado, Oklahoma, Texas, New York, Pennsylvania,
24 and New Mexico. It sells crude oil into the U.S. domestic market where it is refined and disseminated
25

1 across the country. Its common stock trades on the New York Stock Exchange under the “EOG” ticker
2 symbol.

3 34. Defendant Hess Corporation (“Hess”) is a publicly traded Delaware Corporation
4 headquartered in New York, New York. It is a significant producer of crude oil from shale oil
5 formations in North Dakota. It sells crude oil into the U.S. domestic market where it is refined and
6 disseminated across the country. Its common stock trades on the New York Stock Exchange under the
7 “HES” ticker symbol.

8 35. Defendant Occidental Petroleum Corporation (“Occidental”) is a publicly traded
9 Delaware Corporation headquartered in Houston, Texas. It is a major producer of crude oil from shale
10 oil formations in Colorado, Texas, and New Mexico. Occidental sells crude oil into the U.S. domestic
11 market where it is refined and disseminated across the country. Occidental’s common stock and
12 warrants to purchase common stock trade on the New York Stock Exchange under the “OXY” and
13 “OXY WS” ticker symbols, respectively.

14 36. Defendant Pioneer Natural Resources Company (“Pioneer”) is a publicly traded
15 Delaware Corporation headquartered in Irving, Texas. Pioneer is a significant producer of crude oil
16 from shale oil formations in Texas. It sells crude oil into the U.S. domestic market where it is refined
17 and disseminated across the country. Its common stock trades on the New York Stock Exchange under
18 the “PDX” ticker symbol.

19 37. Each and every Defendant was a co-conspirator with the other Defendants. Each
20 committed overt acts in furtherance of the conspiracy alleged herein in the United States and in this
21 District.

22 38. “Defendants,” as used herein means each of Centennial, Chesapeake, Continental,
23 Diamondback, EOG, Hess, Occidental, and Pioneer; unless stated otherwise, where an action by
24 “Defendants” is alleged, it is alleged that each Defendant undertook the alleged action. “Defendants,”
25

1 as used herein, refers to and includes each of the named Defendants' predecessors, successors, parents,
2 wholly-owned or controlled subsidiaries or affiliates, employees, officers, or agents.

3 39. Though each Defendant may have subsidiaries and affiliates with separate corporate
4 forms, each Defendant's officers, employees and agents habitually refer to the Defendant and its
5 subsidiaries collectively, not making legal distinctions among related corporate entities. Whenever
6 reference is made to any act of any organization, corporation, or other business entity, the allegation
7 means that the entity engaged in the act by or through its officers, directors, agents, partners,
8 employees, or representatives while they were actively engaged in the management, direction, control,
9 or transaction of the corporation's business or affairs.

10 40. Defendants participated in the alleged conspiracy through the acts of their officers,
11 directors, agents, partners, employees, representatives, affiliates, subsidiaries, and companies they
12 acquired through mergers and acquisitions, for whom they are liable.

13 41. Co-conspirators known and unknown willingly participated in the alleged conspiracy
14 and acted in furtherance thereof.

17 III. JURISDICTION, VENUE, AND COMMERCE

18 42. This action arises under Section 1 of the Sherman Act (15 U.S.C. §1) and Section 16 of
19 the Clayton Act (15 U.S.C. §26), as well as the antitrust, fair competition, and consumer protection
20 laws of various states, as alleged herein. The Sherman Act claim is for injunctive relief, costs of suit,
21 and reasonable attorneys' fees; the various state claims seek to recover injunctive relief, compensatory
22 damages, treble damages, costs of suit, and reasonable attorneys' fees.

23 43. This Court has subject matter jurisdiction over Plaintiff's claim under Section 16 of the
24 Clayton Act, 15 U.S.C. §26, and under 28 U.S.C. §§1331, 1333(d), 1337(a), and 1367.

25 44. This Court has diversity jurisdiction over this action under 28 U.S.C. §1332(d) because
26 this is a class action wherein the amount of controversy exceeds the sum or value of \$5 million,
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exclusive of interest and costs, there are more than 100 members in the proposed class, and Plaintiff, a resident of Minnesota, is a citizen of a state different from Defendants, all of whom are either incorporated in Delaware or Oklahoma and headquartered in New York, Oklahoma, or Texas.

45. This Court also has personal jurisdiction over all Defendants, and Venue in this District is proper, under the combination of 15 U.S.C. §22 and 28 U.S.C. §1391(b), (c), and (d). A substantial part of the events or omissions giving rise to the claim occurred in this District. On information and belief, each Defendant resides, transacts business, is found, or has an agent in this District.

46. Defendants' activities were within the flow of, and were intended to and did have a substantial effect on, interstate commerce of the United States. Defendants' products and services are sold in the flow of interstate commerce.

47. By reason of the unlawful activities alleged herein, Defendants' unlawful activities substantially affected commerce throughout the United States, causing injury to Plaintiff and the geographically dispersed class members. Defendants, directly and through their agents, engaged in activities affecting all states.

48. Defendants' conspiracy, wrongful anticompetitive conduct, and substantial anticompetitive effects described herein proximately caused injury to Plaintiff and members of the Classes.

IV. FACTUAL ALLEGATIONS

A. OPEC

49. OPEC is an intergovernmental organization comprised of oil-producing nations who explicitly cartelize the production of oil to allow its members to extract oligopolistic prices in the oil market. Its members purport to benefit from sovereign immunity to the Sherman Act. Historically the United States has not sought to prosecute OPEC or its members under the antitrust laws. OPEC nations control nearly 80% of the world's proven crude oil reserves and close to 40% of the world's oil

1 production. Historically, OPEC exerted market power over global oil prices by coordinating its
 2 members' respective production levels. By increasing or decreasing production levels in response to
 3 demand and various policy considerations, OPEC effectively controlled prices. Other world oil
 4 producers took market prices and made production decisions in the shadow of those prices.

5 50. Historically, Saudi Arabia has acted as OPEC's (and therefore the world's) swing
 6 producer, able to rapidly adjust production levels in response to changes in market conditions. Saudi
 7 Arabia maintains a margin of "spare capacity"—which the U.S. Energy Information Administration
 8 (the "EIA") defines as production that can be brought online within 30 days and sustained for at least
 9 90 days—to make quick adjustments in production. The International Energy Agency (the "IEA")
 10 estimates that Saudi Arabia's spare capacity is currently about 3.22 million barrels per day—about 3
 11 percent of global demand.⁸ The entire OPEC cartel currently has spare capacity totaling about 5.14
 12 Mmbd.⁹ Saudi Arabia has the worldwide lowest marginal costs to produce oil, with estimates of
 13 production costs even for the highest-cost wells rarely exceeding \$10.00 per barrel. Saudi Arabia is
 14 the *de facto* leader of OPEC.

15 51. As major shale oil supply from the United States began to hit the global market in the
 16 mid-2010s, however, OPEC lost a substantial portion of its control over prices. OPEC could not lower
 17 production sufficient to maintain prices without losing substantial market share to shale-oil competitors
 18 and other global producers. This was a major problem for OPEC members, whose economies largely
 19 depend on maintaining a large market share of oil production priced at artificially high oligopoly
 20 prices.

21 52. In December 2016, to reinforce its cartelized market power, OPEC effectively

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⁸ Int'l Energy Agency, *Oil Market Report – January 2024*, <https://www.iea.org/reports/oil-market-report-january-2024>.

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⁹ *Id.*

1 expanded, signing the first of several agreements with 10 other oil-producing nations to coordinate
 2 production and pricing. Most notable among these new signatories was Russia, which produces almost
 3 as much crude oil as Saudi Arabia, albeit at substantially higher cost. This expanded cartel is now
 4 known as “OPEC+” and controls nearly 60% of world production today.¹⁰

5 53. The emergence of U.S. shale oil producers had shaken up the dynamics of world oil
 6 markets as dramatically as had the formation of OPEC in 1960. OPEC’s scramble to exert control over
 7 oil prices by bringing new members into the fold—including, eventually, the shale oil producers
 8 themselves—was not by choice. A two-year price war with U.S. shale oil producers demonstrated
 9 OPEC’s reduced dominance in oil markets and driven the cartel to make room at the table for additional
 10 producers, which soon included Defendants.

12 **B. A “New Oil Order” Established by “Cowboyistan”**

14 54. The introduction of shale drilling (fracking) in the early 2000s changed everything for
 15 the oil and gas industry. Although fracking was and remains controversial, it achieved undeniable
 16 success: within eight years of the first commercial shale operation coming online in Texas in 2002,
 17 U.S. shale producers were pumping enough shale oil to reverse a 35-consecutive year trend of
 18 declining U.S. domestic crude oil production. The seven years starting from 2008 represented the
 19 fastest increase in domestic crude oil production in U.S. history – the “Shale Revolution.”¹¹

21 55. Shale oil was not a new discovery; shale fields had been occasionally exploited for

23
 24 ¹⁰ See EIA, *What is OPEC+ and how is it different from OPEC* (May 9, 2023),
 25 <https://www.eia.gov/todayinenergy/detail.php?id=56420>.

26 ¹¹ A similar revolution in natural gas production from shale formations preceded the boom in oil; in
 27 2000, shale gas accounted for 1.6% of U.S. production; by 2010, the figure was 23.1%. See Zhongmin
 28 Wang and Alan Krupnik, *A Retrospective Review of Shale Gas Development in the United States: What Led to the Boom?* (Resources for the Future Discussion Paper 13-12, Apr. 2013) at 1,
<https://web.archive.org/web/20150319084508/http://www.rff.org/RFF/documents/RFF-DP-13-12.pdf>.

1 commercial use since the 19th century.¹² The presence of hydrocarbons in shale formations was well
 2 known, but economically exploiting them was difficult. In the early 2000s, however, innovations in
 3 fracking and drilling technology allowed U.S. Independents to produce hydrocarbons economically in
 4 formations that had been hitherto ignored by the industry. Rapid improvements in three kinds of
 5 technologies, in particular, converged to start the fracking boom: horizontal drilling, 3-dimensional
 6 seismic imaging, and hydraulic fracturing.¹³ Each improved the efficiency of drilling for hydrocarbons
 7 in “unconventional” plays.

9 56. Horizontal drilling allowed a single well pad to collect hydrocarbons from a large area.
 10 Whereas traditional vertical drilling breaches a producing rock layer and collects oil from one point,
 11 horizontal drilling allowed wells to make a horizontal turn along a producing formation.¹⁴ Though each
 12 horizontal well was more expensive than its conventional counterpart, the benefits from increased
 13 production vastly outstripped the additional cost. New imaging technologies, powered by
 14 contemporaneous advances in computer technology, allowed shale companies to target productive
 15 formations with much greater accuracy.¹⁵ And dramatic improvements in the relatively old technology
 16 of hydraulic fracturing vastly increased well productivity.¹⁶

18 57. By nature, shale fracking is a more granular, small-scale enterprise than the massive
 19 conventional projects that had previously dominated the oil and gas industry. Those projects sought
 20 out massive reservoirs that would produce enormous quantities over a long time; by the 2000s, such
 21 projects generally required enormous capital outlays to reach technically, politically, or
 22 infrastructurally-complicated sources of oil and gas. These projects often took years of planning and
 23

25 ¹² See <https://www.sciencedirect.com/topics/engineering/shale-oil>.

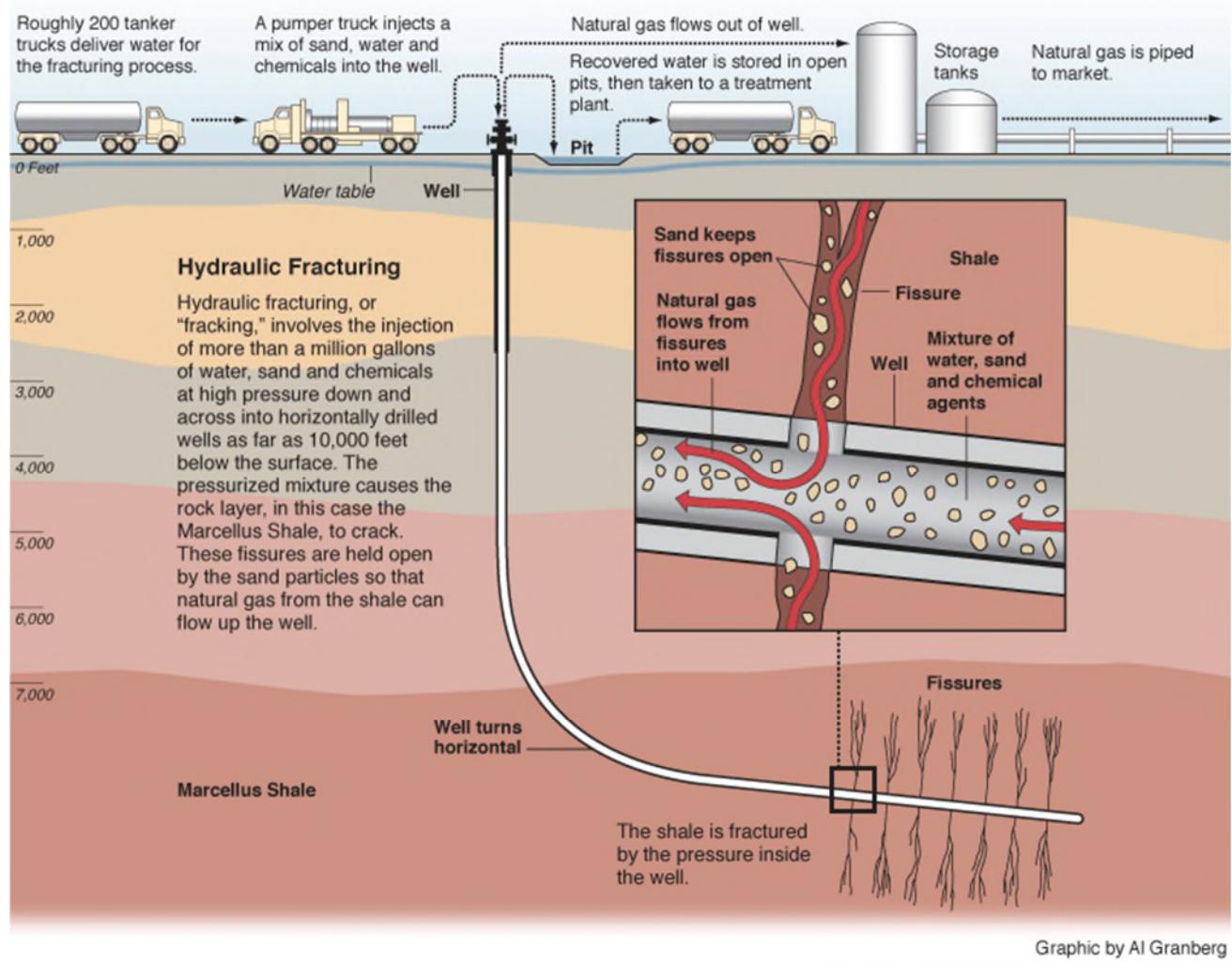
26 ¹³ See Wang & Krupnick, *supra* n.10, at 10.

27 ¹⁴ See Lynn Helms, *Horizontal Drilling*, N.D. Dept. of Mineral Resources Newsletter (Winter 2008),
<https://www.dmr.nd.gov/ndgs/documents/newsletter/2008Winter/pdfs/Horizontal.pdf>.

28 ¹⁵ See Wang & Krupnick, *supra* n.10, at 13.

¹⁶ *Id.* at 12-13.

1 construction to reach out-of-the-way fields at scale. Shale drilling, by contrast, typically involves
 2 drilling many smaller and less productive wells very efficiently on a short timeline. Along with the
 3 major technological advances that made shale drilling possible, shale drilling companies developed
 4 hundreds of smaller innovations from drilling technology to business logistics, each of which shaved
 5 important dollars off the capital outlay required to reach shale oil and gas. Such innovations are shown
 6 by the following graphic:¹⁷



58. Importantly, many of these innovations were developed and perfected during the shale

17 <https://www.fractracker.org/resources/oil-and-gas-101/process/>

1 gas boom that began in 2000 and had upended natural gas markets by 2005 or 2006. High natural gas
 2 prices had led shale companies to target gas-rich formations first; by the time oil prices incentivized
 3 U.S. independents to target shale oil in the 2010s, the companies had already honed very fast and
 4 efficient drilling methods.

5 59. The technological and business efficiency expertise that allowed U.S. shale oil
 6 producers to succeed also posed a unique problem for OPEC. Shale oil wells: (a) require smaller capital
 7 commitments; (b) can be drilled in two to four weeks; (c) can be brought online within months; and
 8 (d) allow for production to be comparatively front-loaded. Consequently, production of crude oil from
 9 shale wells is more responsive to changing prices and real-time market conditions than traditional
 10 drilling methods used by supermajors, who typically invest in decades-long traditional drilling projects
 11 that require substantial lead time and infrastructure construction before production begins.

12 60. These factors gave U.S. Independents unprecedented ability to compete with OPEC and
 13 control oil prices. Within months of oil prices reaching economically viable levels, Independents could
 14 respond by ramping up production to take advantage of those prices. They could bring supply to market
 15 fast enough and in sufficient volume that they could replace supply constrained by OPEC production
 16 quotas. U.S. Independents could effectively “free ride” on OPEC’s oligopolistic behavior, diminishing
 17 the monopoly rents OPEC could extract from their control over supply in the market.

18 61. Unlike OPEC (at least as a practical matter), U.S. shale oil producers are subject to the
 19 Sherman Act. This meant that while U.S. shale oil production would come to rival the largest OPEC
 20 and OPEC+ nations,¹⁸ the industry was not a monolith that traditionally set prices or production levels
 21 industry-wide. Rather, as a boon to gasoline and diesel commercial purchasers like Plaintiff and

22
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 25
 26 18 Because of the shale oil boom, the United States became the largest oil producer in the world in
 27 2018. As of 2022, the top 5 oil producing countries are the United States (14.7%), Saudi Arabia
 28 (13.2%), Russia (12.7%), Canada (5.6%), and Iraq (5.5%). See
<https://www.eia.gov/energyexplained/oil-and-petroleum-products/where-our-oil-comes-from.php>.

1 members of the proposed classes, U.S. shale producers were a group of relatively smaller producers
2 who did not hesitate to compete with each other and with OPEC.

3 62. In the early-to-mid-2010s, U.S. shale's arrival on the global oil scene thus presented a
4 stark threat to the market control OPEC had maintained for decades. The U.S. shale industry was
5 dubbed "Cowboyistan," a nod to its power as an oil producer and its wild West approach to drilling. A
6 "new oil order" had emerged. The aggressive competition of U.S. shale producers usurped the Saudi
7 swing producer role and saw U.S. domestic production erode OPEC-set cartel price premiums.
8

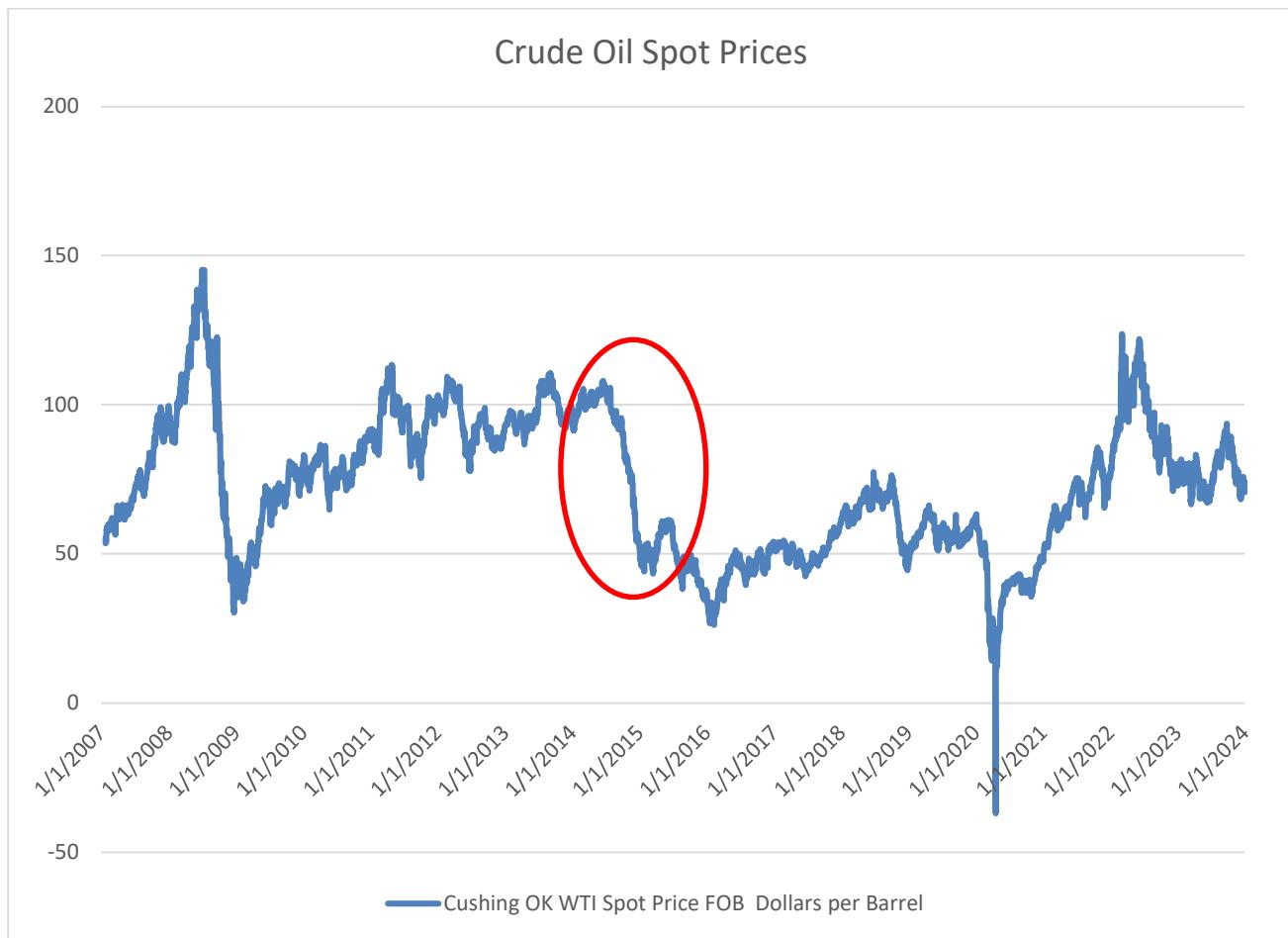
9 **C. The "OPEC Price War": 2014-2016**

10 63. The OPEC sovereign nation-states have GDPs (and, in some cases, currencies) heavily
11 reliant on crude oil prices. They and OPEC itself were not about to willingly cede the pricing power
12 OPEC had held over global oil prices for a half-century to U.S. shale producers.
13

14 64. Rather than engage the Independents to effectively join its cartel (as far as can be
15 publicly known), at some point in 2014, OPEC determined that the Independents had captured too
16 much OPEC market share and were too much of a drain on its monopoly rents. It set out to leverage
17 its control over the cheapest-to-produce oil in the world to destroy the U.S. shale industry. Cowboyistan
18 had to go.
19

20 65. Beginning in mid-2014, OPEC began to manage its production quotas to push oil prices
21 to a level that would render U.S. shale oil no longer economically viable, while maintaining prices
22 high enough to satisfy the political needs of its members. Despite a global oversupply of crude oil,
23 OPEC made the deliberate, long-term choice to maintain, rather than reduce, its production levels in
24 an attempt to win back the market share it had lost to Independents. Thus began more than two years
25 of relatively open global competition, which the industry recognized as the "OPEC Price War." The
26 price of crude oil (and retail gasoline and diesel) plummeted as shale producers and OPEC nations sold
27
28

1 oil into the market at prices not seen since the demand shock of the Great Recession.¹⁹



17 66. But OPEC failed to drive the U.S. shale oil industry out of business. As prices dropped,
 18 shale producers developed more ways to cut costs and increase productivity, driving breakeven points
 19 lower. At the beginning of the price war, the average shale oil breakeven point (the point at which it
 20 makes economic sense to drill) was \$82 per barrel. By 2018, it was \$47, and by 2021, \$37. These
 21 innovations allowed Independents to exploit less productive shale plays profitably.

22 67. Consequently, by implementing cost-cutting measures and focusing on the most
 23 productive shale plays to remain competitive in the lower-price environment, many U.S. shale
 24 producers, including Defendants, continued to drill at consistent levels despite the price drop caused

25
 26
 27
 28 ¹⁹ www.eia.gov

1 by OPEC's price war. They held on through the long period of low prices, playing chicken with OPEC
 2 (whose members, usually depending heavily on oil revenues to support their economies, were also
 3 hurting from low prices). They waited, ready to add supply whenever prices improved.²⁰

4 68. Many U.S. Independents were driven out of business, merging with larger players or
 5 going bankrupt in the face of low prices and high debts. But several large players, including
 6 Defendants, maintained their position. Rather than killing the U.S. shale oil industry, the OPEC price
 7 war consolidated it, causing dozens of smaller Independents to fail and creating a sense of shared
 8 mission to hold the line among companies that had often been intense competitors.

9 **D. The U.S. Independents Take “A Seat at the Table on Pricing”**

10 69. Weary after years of low prices yielding little in the way of results,²¹ OPEC changed
 11 tactics. First, as noted above, in December 2016, it struck a deal with 10 non-OPEC oil producing
 12 nations to form OPEC+. This brought its global market share to nearly 60% and allowed the cartel to
 13 share production cuts with former competitors. Having brought one enormous potential competitor
 14 (Russia) and several smaller ones into the fold, OPEC turned renewed focus on Cowboyistan.

15 70. Unable to beat U.S. shale producers in the free market, OPEC initiated a years-long
 16 campaign to orchestrate bringing Cowboyistan into the cartel.

17 71. U.S. Independents, used to free riding on OPEC cartel prices, thought the cartel should
 18 just slash their own production and raise prices, allowing U.S. producers to reap the benefits. OPEC,

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 24 ²⁰ See Steven Mufson, *Is the Oil World Big Enough for Two Swing Producers?*, THE WASH. POST
 25 (Sept. 29, 2016), https://www.washingtonpost.com/business/economy/is-the-oil-world-big-enough-for-two-swing-producers/2016/09/29/ce4e96f0-85f7-11e6-a3ef-f35afb41797f_story.html (noting that
 26 “the companies in [the U.S. shale industry] are ready to add production every time the price starts
 27 creeping up” and attributing to Defendant Pioneer CEO Scott Sheffield a promise that if oil prices
 28 moved above \$60 a barrel, the U.S. Shale industry would respond by ramping up production).

²¹ *Id.* (as a result of the ongoing price war, OPEC “regained some market share and put a floor under
 22 prices. But its success has been slow, limited and remains fragile. And the price [\$45-\$55 a barrel at
 23 that time] is still half of where they’d like it to be.”).

1 of course, wanted to minimize free riding and demanded that U.S. companies forego some
 2 opportunities to produce oil at a profit, as the other OPEC members routinely did. The negotiations
 3 were complicated further by the need to coordinate U.S. production cuts among a significant group of
 4 shale oil producers who were supposed to compete with each other. If any of the big Independents
 5 defected, this would undercut the benefits of cooperation for the others and for OPEC.
 6

7 72. Independents were open to cartelization, though, having grown weary of the price war.
 8 As reported by MarketWatch on Sep. 8, 2016, for example, “Shale-oil baron [and Defendant
 9 Continental’s CEO] Harold Hamm thinks major crude-oil producers need to settle on a plan to stabilize
 10 oil prices sooner than later.” Hamm, “calling for a freeze of production . . . said it is ‘high time’ for
 11 Russia and the Organization of the Petroleum Exporting Countries to forge a pact that would put an
 12 end to [the] slide in crude oil prices.”²² By maintaining their ground during the price war, Hamm and
 13 Defendants had gained leverage over OPEC. Now, Hamm was signaling to OPEC that Continental and
 14 the other Defendants were willing to play ball with OPEC.
 15

16 73. In early 2017, Defendants and members of OPEC began meeting and sharing dinners
 17 together.²³ These multilateral meetings took place at oil industry events around the globe—especially
 18 at the CERAWeek Conference, an energy-focused event held annually in Houston, Texas.
 19

20 74. The first of these dinners took place at the 2017 CERAWeek Conference, held March
 21 6-10 in Houston. OPEC’s General Secretary Barkindo “dined with about two dozen[] U.S. shale
 22 executives on the sidelines of [the 2017] CERAWeek conference, including Scott Sheffield of
 23

24 ²² Mark DeCambre, *Harold Hamm Says It Is ‘High Time’ for an OPEC Pact to Freeze Output*,
 25 MARKETWATCH (Sept. 8, 2016), <https://www.marketwatch.com/story/trumps-potential-energy-czar-says-its-high-time-for-an-opec-pact-to-freeze-output-2016-09-08>.

26 ²³ Liz Hampton, *As Oil Prices Soar, U.S. Shale, OPEC in no Rush to Resume Price War*, REUTERS
 27 (Mar. 10, 2022), <https://www.reuters.com/business/energy/ceraweek-oil-prices-soar-us-shale-opec-no-rush-resume-price-war-2022-03-10/> (OPEC began hosting regular dinners and events
 28 in 2017 “to better understand private sources of financing that allowed new companies to emerge” and “[o]ver time, the dinners grew more collegial.”).

[Defendant] Pioneer Natural Resources, Co., John Hess of [Defendant] Hess Corp., Doug Lawler of [Defendant] Chesapeake Energy Corp. and Tim Leach of Concho Resources Inc.”²⁴ OPEC had purportedly never before met with U.S. shale producers, leading to reporters describing the meeting as “unusual.”²⁵ Meetings during the March 2017 CERAWeek Conference “opened a communication channel between the shale companies and OPEC countries.”²⁶ Soon after, Scott Sheffield of Defendant Pioneer said he’s seeing a profound thawing in the relations between [OPEC] and shale producers. ‘I’m seeing a series of meetings where OPEC is reaching out and spending more time with U.S. independents than I have seen over my entire career,’ Sheffield said.”²⁷

75. Bloomberg described the 2017 CERAWeek meeting as a “Dinner Détente,”²⁸ and reported that “[t]he sides agreed in principle that the market should be better balanced and lower inventories would be beneficial to everyone.”²⁹ Exactly who would bear the costs of those lower inventories remained a matter of contention: shale companies “signaled they weren’t ready to give up on the growth they [saw] ahead.”³⁰ OPEC, in turn, affirmed its willingness to cut shale producers into the cartel; according to Bloomberg, at the dinner “OPEC indicated it wants higher prices, even if it means enriching the shale companies.”³¹

²⁴ Javier Blas & Grant Smith, *OPEC Head to Meet with U.S. Shale Producers for Dinner Next Week*, BLOOMBERG (Feb. 27, 2018), <https://www.bloomberg.com/news/articles/2018-02-27/opec-head-to-meet-u-s-shale-oil-producers-for-dinner-next-week>.

²⁵ *Id.*

²⁶ *Id.*

²⁷ David Wethe, *Oil to Hit \$40 if OPEC Fails to Expand Cuts, Pioneer Says*, BLOOMBERG, (Mar. 7, 2017), <https://www.bloomberg.com/news/articles/2017-03-07/pioneer-s-sheffield-sees-40-oil-if-opec-doesn-t-extend-cuts>.

²⁸ *Id.*

²⁹ Javier Blas, *OPEC Said to Break Bread With Shale in Rare Show of Détente*, BLOOMBERG (Mar. 7, 2017), <https://www.bloomberg.com/news/articles/2017-03-07/opec-said-to-break-bread-with-shale-in-rare-show-of-detente> (emphasis added).

³⁰ *Id.*

³¹ *Id.*

1 76. The dinner involved an exchange of competitively sensitive forward-looking
 2 information between the shale producers and the cartel:

3 “They’re trying to understand our business model,” Sheffield said of OPEC
 4 officials. “I think they’re trying to understand more about our *ability to produce*,
 5 what the cost structure is *and what’s going to happen over the next several years*.
 6 In return, shale producers are talking with OPEC to learn about the members’
 7 thought process towards the price of oil over the next several years, what supplies
 the different members have themselves, and whether inventories are falling, he said.

8 “It helps us plan long term,” Sheffield said.³²

9 Defendant Hess’s CEO, John Hess, confirmed that the dinner was no mere listening session: “***It was***
 10 ***a very good exchange of information and views about oil . . . I really commend the OPEC Secretary***
 11 ***General for outreach. It was a good talk.***³³

12 77. Defendants’ admissions of information exchange with OPEC—probably the world’s
 13 most infamous cartel—is absolutely remarkable. Information about costs, inventories, capacity, and
 14 production is the foundation for cartel negotiations, because it establishes what the competitive terrain
 15 would look like in the absence of coordinated production cuts. Discussions of forward-looking
 16 production and capacity information are, of course, very nearly actual agreements on future production
 17 levels—effectively setting prices as well. Indeed, after the meeting, “Sheffield said his impression is
 18 that OPEC would like to see oil stabilize between \$50 and \$60, with a preference toward the higher
 19 end.”³⁴ Though this meeting was (apparently) only the start of negotiations among some of the hardest
 20 bargainers in the world, the stage was set.

21 78. While attending CERAWeek 2017, OPEC and the U.S. shale producers “agreed in
 22 principle that the market should be better balanced and lower inventories would be beneficial to
 23 everyone . . . [but] shale producers signaled they weren’t ready to give up on the growth they see

24 ³² See Wethe, *supra* n.24 (emphasis added).

25 ³³ See Blas, *supra* n.26 (emphasis added).

26 ³⁴ *Id.* Information about inventories, capacity and cost structure is also a key element of cartel
 27 negotiations, because it establishes what the competitive terrain would look like in the absence of
 28 coordinated production cuts, allowing cartel members to allocate production quotas.

1 ahead.” They would be ready, though, when the price was right. This opening posture was met with
 2 similarly hard-nosed positions from OPEC: Shortly after the meeting, Saudi Arabia’s Energy Minister
 3 Khalid Al-Falih publicly warned U.S. shale producers that OPEC would not sustain the U.S. producers’
 4 “free rides” on OPEC production cuts.³⁵ At a meeting between Falih and producers, including
 5 Defendants Occidental, Pioneer, and EOG, ““One of the advisors said that OPEC would not take the
 6 hit for the rise in U.S. shale production,’ a U.S. executive who was at the meeting told Reuters.” That
 7 is, OPEC told U.S. shale producers that they would not maintain high oil prices if shale producers kept
 8 adding production to take advantage of them; U.S. Independents would have to bear their fair share of
 9 production cuts. As with many nascent cartels, negotiations were adversarial but ultimately
 10 cooperative.

12 79. Later that year OPEC Secretary General Barkindo told reporters that Defendants were
 13 “beginning to ask questions about how to proceed [alongside OPEC] in a more responsible manner.”³⁶
 14 According to Barkindo, his takeaway from a CERAWeek Conference sideline meeting with executives
 15 of Defendants Hess and Continental Resources was that “[t]here is a general understanding that this
 16 downturn [caused by the price war] was not in the interest of anybody” and “[a]s much as we felt the
 17 pinch so did they.”³⁷ He called for U.S. shale producers to take “shared responsibility” for oil prices.³⁸

19 80. The next CERAWeek Conference was held in early March 2018. Discussing another
 20 scheduled dinner with U.S. shale producers, Barkindo explained, “[i]t’s a fulfillment of our common
 21 desire to continue the dialogue as agreed last year on the sidelines of CERAWeek.”³⁹ He said the dinner
 22

23 ³⁵ Ron Bousso, *Exclusive - Saudis Tell U.S. Oil: OPEC Won’t Extend Cuts to Offset Shale -Sources*,
 24 REUTERS (Mar. 9, 2017), <https://www.reuters.com/article/us-ceraweek-saudishale/exclusive-saudis-tell-u-s-oil-opec-wont-extend-cuts-to-offset-shalesourcesidUSKBN16G2TJ>.

25 ³⁶ Anjli Raval, *OPEC Secretary General: ‘No Doubt’ Oil Market is Re-Balancing*, FIN. TIMES (Oct.
 26 19, 2017), <https://www.ft.com/content/89ddcf13-f338-315a-99ba-366256c7266a>.

27 ³⁷ *Id.*

28 ³⁸ *Id.*

29 ³⁹ See Blas & Smith, *supra* n.30.

1 was arranged to “*further explore the mechanic of achieving our common objective.*”⁴⁰

2 81. The dinner was held at the Grove restaurant, a Houston steakhouse, on March 5, 2018.
 3 Secretary General Barkindo gave a speech to the gathered OPEC officials and U.S. shale executives;
 4 Tim Dove, then CEO of Defendant Pioneer, later described Barkindo’s dinner speech to a reporter as
 5 an exchange of OPEC’s forward-looking views on the oil market: “his main message was that [OPEC]
 6 believe[s] very strongly that demand is going to be significant moving forward in terms of growth.”
 7 Mark Papa, Defendant Centennial’s CEO, characterized the speech as “a statement that everyone will
 8 work together to make sure the oil market is well-supplied and everyone is happy to be working
 9 together.”⁴¹

10 82. OPEC representatives revealed that the dinner facilitated another exchange of forward-
 11 looking production expectations. Secretary General Barkindo reported that OPEC and the U.S. shale
 12 executives “had a very open, frank and lively conversations on the current state of the cycle and *we*
 13 *also compared notes from our experiences during these cycles, how we should proceed going*
 14 *forward.* I was very surprised by the high-level of turnout, as well as the interest they [U.S. shale
 15 executives] have shown in continuing this energy dialogue.”⁴² Per Barkindo, OPEC and Defendants
 16 had “*compared notes on our experiences in this cycle [i.e., the recent price war] which everyone*
 17 *agreed was the most injurious.*”⁴³

18 83. Gabriel Mbaga Obiang Lima, Equatorial Guinea’s petroleum minister, told the press:

22 ⁴⁰ *Id.* (emphasis added).

23 ⁴¹ Ernest Scheyder and Ron Bousso, *CERA WEEK-U.S. Shale and OPEC Share Steak in Uneasy Truce*
 24 *at Houston Dinner*, REUTERS (Mar. 7, 2018), <https://www.reuters.com/article/cerawEEK-energy-opec-shale/rpt-%20cerawEEK-u-s-shaleandopec-share-steak-in-uneasy-truce-at-houston-dinner-idUKL2N1QP05R>.

25 ⁴² *OPEC bulletin Special Edition: OPEC international energy dialogues*, OPEC (May 9, 2018),
 26 https://www.opec.org/opec_web/static_files_project/media/downloads/publications/OB022019.pdf,
 at 51 (emphasis added).

27 ⁴³ Patti Domm, *OPEC Wants to Take Its Relationship with US Shale Producers to the Next Level*,
 28 CNBC (Mar. 6, 2018), <https://www.cnbc.com/2018/03/06/opec-wants-to-take-its-relationship-with-us-shale-producers-to-the-next-level.html> (emphasis added).

1 “The key thing is that information is shared about our projections; it really helps everybody . . . the
 2 important thing is to know how much they [U.S. shale] are investing and their projections because
 3 usually they have good statistics.”⁴⁴ Lima, perhaps unused to the nuances of U.S. antitrust law, tipped
 4 the purpose behind this information exchange: “What we are doing is avoiding volatility,” he said—
 5 or, put differently, stabilizing prices by coordinating production.⁴⁵

7 84. Continuing the theme of explicit calls for coordination with U.S. shale oil on production
 8 levels, Nigerian Oil Minister and OPEC representative Emmanuel Ibe Kachikwu called for U.S. shale
 9 to “take some responsibilities in terms of stability of oil prices.”⁴⁶

10 85. Defendants likewise recognized that the dynamics had started to change, sometimes in
 11 even more explicit words. Reuters reported that one shale executive, who spoke on the condition of
 12 anonymity crowed that U.S. shale oil companies had maneuvered their successful price-war resistance
 13 into “*a seat at the table on pricing*.”⁴⁷ Even having a “table on pricing” is, of course, a violation of the
 14 Sherman Act, which forbids price fixing with competitors unequivocally. Although OPEC may escape
 15 U.S. law by virtue of its sovereign sponsorship and international political clout, American companies
 16 absolutely do not enjoy the same luxury.

18 86. Following this second round of negotiations, the Independents signaled more flexibility.
 19 One reporter noticed, for example, that Defendant Continental’s CEO Harold Hamm “appeared . . . to
 20 be trying to reach a more conciliatory tone with OPEC producers.”⁴⁸ In May 2018, Hamm “attended a

22 ⁴⁴ *Id.*

23 ⁴⁵ *Id.*

24 ⁴⁶ Ernest Scheyder, *Nigeria Prime Minister says majors in shale, OPEC should keep crude price stable*,
 25 REUTERS (Mar. 5, 2018), <https://www.reuters.com/article/us-ceraweekenergynigeria/nigeria-prime-minister-says-majors-in-shale-opec-should-keep-crude-price-stable-idINKBN1GH347>.

26 ⁴⁷ Alex Lawler & Ernest Scheyder, *OPEC to Meet with U.S. Shale Firms in Houston on Monday: Sources*,
 27 REUTERS (Feb. 27, 2018), <https://www.reuters.com/article/us-oil-opecusa/opec-to-meet-with-u-s-shale-firms-in-houston-on-monday-sources-idUSKCN1GB2KP>.

28 ⁴⁸ Ernest Scheyder, *Continental Resources CEO Harold Hamm pulls out of OPEC meeting*,
 29 REUTERS (June 18, 2018), <https://www.reuters.com/article/us-oil-opec-contl-resourcesidUSKBN1JE1VW/>.

1 board meeting of Saudi Aramco, the oil producer controlled by OPEC's largest member, Saudi Arabia,"
 2 and agreed to speak at an OPEC event, where his appearance was "widely anticipated," not least
 3 because of the public shots Hamm had taken at OPEC during the price war.⁴⁹ The report concluded by
 4 noting that Hamm "has also begun *asking fellow shale producers to focus more on profitability and*
 5 *less on profligate production.*"⁵⁰

6
 7 87. With OPEC having come to the U.S. twice to visit shale producers, it was time for the
 8 U.S. executives to do some flying. Secretary General Barkindo invited U.S. shale officials to join him
 9 at the June 2018 OPEC International Seminar in Vienna. At least two of Defendants' executives, Scott
 10 Sheffield (Pioneer) and John Hess (Hess) attended the event, during which Sheffield articulated a
 11 negotiating position for U.S. shale oil producers, stating that "OPEC should boost daily output by
 12 roughly 1 million barrels over time."⁵¹ He also discussed explicit price targets: "They [OPEC] need to
 13 put together some kind of deal to phase into the market. None of us want \$80 to \$100 [per barrel] oil,
 14 that's too high. There's a sweet spot between \$60 and \$80."⁵² Sheffield reiterated that, "OPEC needs
 15 to fulfill its duty."⁵³ A reporter noted that "Sheffield will not be part of OPEC's production negotiations
 16 on Friday, but his comments are likely to play into the group's discussions. . . . That Sheffield even
 17 came to the OPEC event surprised some market observers. U.S. antitrust law prohibits U.S. producers
 18 from making any output agreement or from working with OPEC members."⁵⁴

19
 20 88. This was an odd position for Sheffield to take, unless it is understood to signal
 21
 22

23 ⁴⁹ *Id.* Hamm ultimately pulled out of the appearance, evidently in response to retaliatory Chinese tariffs
 24 on U.S. crude.

25 ⁵⁰ *Id.*

26 ⁵¹ Ernest Scheyder, *U.S. Shale Executive Pushes OPEC to Gradually Boost Output*, REUTERS (June
 20, 2018), <https://www.reuters.com/article/oil-opec-pioneer-natl-rscidINKBN1JG2OB>.

27 ⁵² *Id.*

28 ⁵³ *Id.*

⁵⁴ *Id.*

1 movement by U.S. shale producers in their ongoing negotiations over production quotas. The higher
 2 the price of oil, of course, the better for U.S. shale producers, who can (in a competitive market)
 3 economically reach more oil, and earn more from existing wells, when prices are high enough to
 4 support their marginal resource plays. Additional OPEC production does neither Pioneer nor the shale
 5 industry any favors, effectively lowering the price of oil and diverting market share to OPEC and away
 6 from shale. The only reason to articulate such a position on the doorstep of an OPEC production
 7 meeting would be to narrow the gap in the Independents' and OPEC's negotiating positions.
 8

9 89. Critically, at the 2018 OPEC summit in Austria, Defendants publicly admitted, maybe
 10 for the first time, to actively participating, rather than merely listening, during their meetings with
 11 OPEC. Sheffield admitted to conversing with the OPEC panel about Defendants' and OPEC's volumes,
 12 and the effects on global oil prices: "My message yesterday as I spoke to the panel was that it's
 13 important that OPEC increases production somewhat to make up for the difference. If they don't we
 14 are going to see \$100 oil or higher."⁵⁵
 15

16 90. The exchange between Sheffield and OPEC appears to have been extremely specific.
 17 Two days before OPEC's June 22, 2018, production negotiation, Sheffield predicted to Bloomberg the
 18 exact amount of OPEC's production change.⁵⁶
 19

20 91. In January 2019 at the Davos World Economic Forum, John Hess, CEO of Defendant
 21 Hess, Vicki Hollub, CEO of Defendant Occidental, and OPEC's Secretary General Barkindo sat
 22

23 ⁵⁵ Bloomberg Daybreak: Americas, *Pioneer Chairman Sees an OPEC Increase of Up to 600,000 B/D*,
 24 BLOOMBERG (June 21, 2018), <https://www.bloomberg.com/news/videos/2018-06-21/pioneer-chairman-sees-an-opec-increase-of-up-to-600-000-b-d-video>.

25 ⁵⁶ Compare *id.* (Sheffield: "The soft number will be around 5-600,000 [bpd], they might announce 1
 26 million . . . and that will phase in over the next few months."), with Rania El Gamal, et al., *OPEC
 27 agrees modest hike in oil supply after Saudi and Iran compromise*, REUTERS (June 22, 2018),
 28 <https://www.reuters.com/article/us-oil-opec/opec-agrees-modest-hike-in-oil-supply-after-saudi-and-iran-compromise-idUSKBN1JI0OG/> ("Saudi Arabia said the move [increase in production] would
 29 translate into a nominal output rise of around 1 million barrels per day (bpd), or 1 percent of global
 30 supply. Iraq said the real increase would be around 770,000 bpd[.]").

1 together on a panel with Dan Yergin, Vice Chairman of IHS Markit.⁵⁷

2 92. Reuters reported that both Hess and Hollub “said that growth of U.S. shale oil output
 3 would slow” in the near future.⁵⁸ Barkindo, in turn, expressed a desire “to talk more regularly to U.S.
 4 producers to understand their industry better even if they could not participate in any OPEC-led
 5 production cuts.”⁵⁹ That is, OPEC wanted to coordinate mutual production cuts while winking at U.S.
 6 law.

7 93. Hess winked back, saying “OPEC plays a very important role in stabilising the market
 8 and those efforts need to be recognised.”⁶⁰ Barkindo emphasized that OPEC and Defendants, “*have to
 9 continue to collaborate. It is one industry. It is a global industry, and I think our colleagues in the
 10 US are on the same page with us and we will work together to exchange views.*”⁶¹

12 94. For the third consecutive CERAWeek conference, from March 11-14, 2019, U.S. shale
 13 executives and OPEC met with each other at the event. Bloomberg reported that “[t]he event has
 14 become an informal communication channel between the cartel and fast-growing shale producers.”⁶²
 15 In the leadup to these meetings, Secretary General Barkindo explained, “[w]e initiated a valuable
 16 dialogue with the U.S. shale producers two years ago in the midst of the last cycle and we agreed to
 17 continue the dialogue because we broke barriers It is essential we continue the conversation with
 18

20 ⁵⁷ IHS is a major supplier of data products in the oil market and other financial markets. Yergin is a
 21 very well known energy market commentator, particularly on the intersection of energy markets with
 22 international political and security considerations. As the founder of Cambridge Energy Research
 23 Associates (the CERA in CERAWeek), Yergin is also the chairman of the CERAWeek Conference.

24 ⁵⁸ Dmitry Zhdannikov, *U.S. Oil Firms Tell OPEC Their Growth Will Slow*, REUTERS (Jan. 23, 2019),
 25 <https://www.reuters.com/article/uk-davos-meeting-opec-usa-idUKKCN1PH1TG>.

26 ⁵⁹ *Id.*

27 ⁶⁰ *Id.*

28 ⁶¹ Tom DiChristopher, *Trump blasted OPEC this past year. Hess CEO says the oil producer group
 deserves praise*, CNBC (Jan. 23, 2019), <https://www.cnbc.com/2019/01/23/trump-blasted-opec-hess-ceo-says-the-group-deserves-praise.html>.

⁶² Javier Blas and Kevin Crowley, *OPEC to Break Bread With Shale Competitors for Third Year*, BLOOMBERG (Mar. 11, 2019), <https://www.bnnbloomberg.ca/opec-to-break-bread-with-shale-competitors-for-third-year-1.1227226>.

1 U.S. shale industry.”⁶³

2 95. Reporting on a Monday night dinner attended by CEOs John Hess, Vicki Hollub, Mark
 3 Papa, and Travis Stice, from Defendants Hess, Occidental, Centennial, and Diamondback,
 4 respectively, Barkindo described a “friendly conversation on current industry issues and the immediate
 5 prospects and challenges for all.”⁶⁴ Diamondback CEO Stice also told reporters that OPEC and
 6 Defendants had “a very good session,” consisting of “open dialogue on some of the things that are
 7 going on in the U.S. shale revolution, U.S. oil production and the associated balance of what’s going
 8 on in our industry.”⁶⁵

9 96. January 2019, OPEC and its allies launched new production cuts, agreeing to cut supply
 10 by 1.2 million bpd throughout the next six months. After these cuts were announced, Reuters reported
 11 that “U.S. shale producers cheered OPEC’s decision to trim output, a move that sent crude prices higher
 12 [when announced] closing at levels that [shale] oil executives said would keep their profits flowing.”⁶⁶
 13 At CERAWeek 2019, Barkindo made clear that OPEC and allies would continue supply adjustments
 14 through 2019.⁶⁷

15 **E. Defendants Solidify Their Agreement with OPEC**

16 97. Defendants’ developing cooperative relationship with OPEC, still nascent, remained
 17 fragile. Though communications and exchanges had ramped up, it is unclear when, exactly, Defendants

22 ⁶³ *Id.*

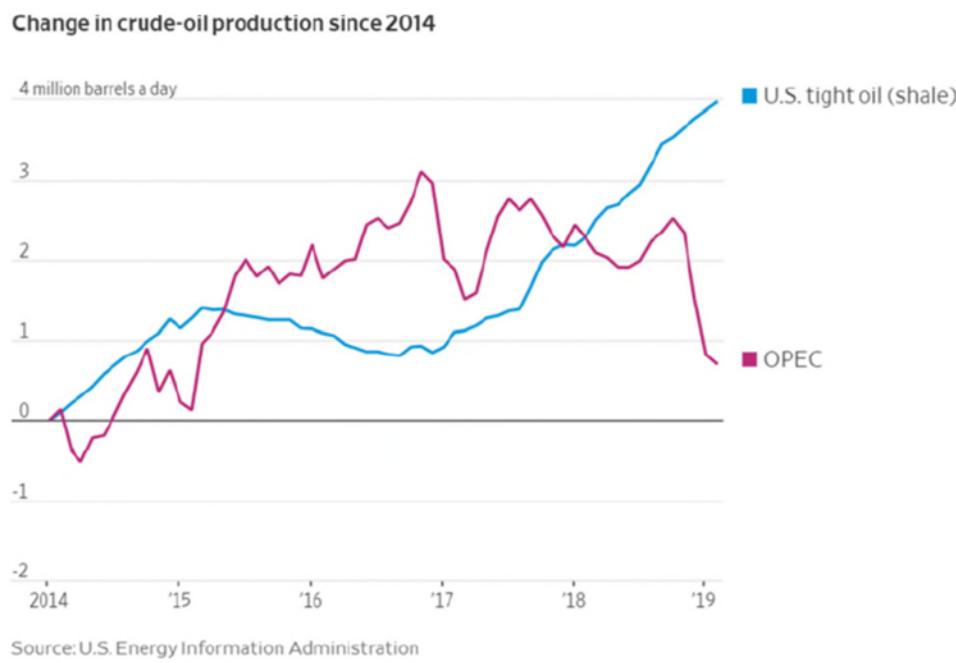
23 ⁶⁴ Javier Blas & Rachel Adams-Heard, *OPEC Splits Avocado Appetizer with Shale Adversaries in*
 24 *Texas*, BLOOMBERG (Mar. 11, 2019), <https://www.bloomberg.com/news/articles/2019-03-11/opec-to-break-bread-with-shale-rivals-in-houston-for-3rd-year>.

25 ⁶⁵ *Id.*

26 ⁶⁶ Jennifer Hiller, *U.S. Shale Producers See OPEC Pullback Helping 2019 Profits*, Reuters (Dec. 8, 2018), <https://www.reuters.com/article/uk-oil-opec-shale-idINKBN1O62HP/>.

27 ⁶⁷ *OPEC Secretary General on Saudi Arabia’s Oil Production, Venezuela, and NOPEC*, CNBC (Mar. 12, 2019), <https://www.cnbc.com/video/2019/03/12/opec-secretary-general-on-saudi-arabias-oil-production-venezuela.html>.

1 began coordinating their output in conjunction with OPEC. Through the end of 2018, it at least
 2 appeared to the outside world that Defendants were not ready to slow their growth, as shown in the
 3 chart below. Whether this is because OPEC had agreed to allow the U.S. some room for rapid
 4 expansion or the U.S. companies were taking a hard line is not yet known. What is clear is that
 5 knowledgeable industry commentators expected the U.S.'s rapid expansion to continue. But it did not.
 6



98. According to analyst predictions, 2019 would catapult the start of “[t]he second wave
 99. of the U.S. Shale revolution.” This would have been “concerning for OPEC” because, rather than the
 100. calculated supply control that OPEC sought, “U.S. oil output is expected to grow by 1.4 million barrels
 101. a day this year, to average 12.4 million barrels a day.”⁶⁸

102. Analysts’ predictions of the second wave never came to fruition. In 2020, COVID-19
 103. upset plans in every industry, but especially oil, where lockdowns drove demand to unheard-of lows.

68 Sarah McFarlane & Pat Minczeski, *OPEC vs. Shale: The Battle for Oil Price Supremacy*, THE WALL STREET J. (Apr. 18, 2019), <https://www.wsj.com/articles/opec-vs-shale-the-battle-for-oil-price-supremacy-11555588826>.

1 A mix of lockdown chaos and futures market technicalities drove the price of oil below zero on April
 2 20, 2020, and remained under \$40 per barrel from early March to mid-June 2020. OPEC made
 3 emergency cuts to production to stabilize prices. Indeed, the shale oil industry went through another
 4 round of mergers and bankruptcies, further consolidating market share in the hands of large players.
 5

6 100. If Defendants and OPEC had not reached full agreement before COVID, they soon did
 7 after COVID. Following months of market turmoil, in July 2020, OPEC's Secretary General indicated
 8 that OPEC could inflate and sustain high crude prices, and would do so if Defendants cooperated in
 9 turn:

10 “We were able to reach out to the U.S. independents and we had established
 11 a line of communication with them. ***We have reached some level of comfort
 12 among ourselves. They have been participating also at their own levels to
 13 ensure that this conversation is inclusive and is led by the biggest
 14 producers.*** There is no objective whatsoever from us as a group or as
 15 individual countries to drive U.S. shale production out of business.
***Everybody has a role to play. We are very much appreciative of the
 16 support and the cooperation we are getting from the U.S. both at the level
 17 of policymakers as well as from industry.***⁶⁹

18 101. On November 28, 2020, EOG Resources' CEO Bill Thomas voiced the industry's
 19 promise not to increase production in response to OPEC's raising oil prices: “In the future, ***certainly
 20 we believe OPEC will be the swing producer—really, totally in control of oil prices. . . . We don't
 21 want to put OPEC in a situation where they feel threatened, like we're taking market share while
 22 they're propping up oil prices.***⁷⁰

23 102. In early 2021, as the world began to emerge from the COVID-19 pandemic, gasoline
 24 and diesel demand surged. So too did crude oil prices, reaching nearly \$70 a barrel in March 2021. To

25 ⁶⁹ *OPEC Secretary General: No objective to drive US shale out of business*, OIL & GAS J. (July 9,
 26 2020) (emphasis added), <https://www.ogj.com/general-interest/article/14179258/opecsecretarygeneral-no-objective-to-drive-us-shale-out-of-business>.

27 ⁷⁰ Kevin Crowley, et al., *The Pandemic Has Broken Shale and Left Oil Markets in OPEC Hands*,
 28 BLOOMBERG (Nov. 28, 2020) (emphasis added), <https://www.bloomberg.com/news/articles/2020-11-28/the-pandemic-has-broken-shale-and-left-oil-markets-in-opec-hands?embedded-checkout=true>.

1 push prices up further, OPEC and OPEC+ countries purposefully and collectively withheld production
 2 in the face of this rising demand.

3 103. Defendants held up their end of the bargain. Abruptly, and in near-unison, they slowed
 4 down their own new production. Suddenly, Defendants' CEOs began making a lot of public statements
 5 about the need for the industry to exercise "discipline" in its production decisions. Throughout 2021,
 6 Defendants signaled to each other and to OPEC that they would ignore market price signals and
 7 abdicate their role as swing producers:

- 9 a. In February 2021, Chesapeake CEO Doug Lawler announced that U.S. shale
 10 producers were entering a "new era" of shale production that "requires a
 11 different mindset" of "more discipline and responsibility."⁷¹
- 12 b. Pioneer CEO Scott Sheffield predicted that small companies—those not
 13 included in discussions with OPEC—would increase output to meet rising
 14 prices, but that major producers would not, such that in the aggregate U.S output
 15 would "remain flat to 1% higher," even if crude prices exceeded \$60, a level at
 16 which a market observer noted "any oil production is profitable, especially the
 17 relatively high-cost U.S. shale patch."⁷²
- 18 c. Then, in March 2021, on the same day OPEC publicized its supply restrictions,
 19 Occidental CEO Vicki Hollub said that even in this "healthier supply and
 20 demand environment" and despite "a V-shaped" post-pandemic recovery, U.S.
 21 oil production would not resume to pre-pandemic heights., Defendants and
 22 other U.S. shale producers were now "committed to value growth, rather than
 23

26 ⁷¹ Alex Lawler & Jennifer Hiller, *OPEC, U.S. Oil Firms Expect Subdued Shale Rebound Even as*
 27 *Crude Prices Rise*, REUTERS (Feb. 23, 2021), <https://www.reuters.com/business/energy/opec-us-oil-firms-expect-subdued-shale-rebound-even-crude-prices-rise-2021-02-22/>.

28 ⁷² *Id.*

1 production growth.”⁷³

2 d. In April 2021, Sheffield laid his cards on the table for why his company and
 3 other U.S. producers would not meet rising prices: “***OPEC and Russia were***
 4 ***upset that we grew too much,” said Sheffield. “If we ever start growing again***
 5 ***too much, we’re going to have another price war.***” He stated he was “totally
 6 against” an EIA forecast predicting substantial production growth and that
 7 “***producers now know the stakes and will stick to their mantra of capital***
 8 ***discipline.***”⁷⁴

9
 10 e. In a June 2021 interview with Reuters, Sheffield said he was “***confident the***
 11 ***producers will not respond***” to the high crude oil prices by increasing
 12 production, because they were focused on “shareholder returns.”⁷⁵ Reuters
 13 further reported that “[i]n the United States, closely held companies have
 14 contributed substantially to rig additions this year, but Sheffield said those
 15 smaller firms should not drive up volumes enough to ruffle OPEC+
 16 producers.”⁷⁶

17 f. On an August 5, 2021 earnings call, EOG President and CEO Bill Thomas,
 18 picked up the “new era” terminology first put forward by Chesapeake’s Lawler,
 19 explicitly connecting U.S. producers’ collective discipline with shared
 20

22
 23 ⁷³ Pippa Stevens, *U.S. Oil Production Won’t Return to Pre-Pandemic Levels, Says Occidental CEO*,
 24 CNBC (Mar. 4, 2021), <https://www.cnbc.com/2021/03/04/us-oil-production-wont-return-to-pre-pandemic-levels-occidental-ceo.html>.

25 ⁷⁴ Kevin Crowley, *Pioneer Chief Warns of OPEC+ Price War Risk*, RIGZONE (Apr. 14. 2021),
 26 https://www.rigzone.com/news/wire/pioneer_chief.warns.of_opec_price_war_risk-14-apr-2021-165162-article/.

27 ⁷⁵ Liz Hampton, *U.S. Shale Industry Tempers Output Even as Oil Prices Jump*, REUTERS (June 28, 2021), <https://www.reuters.com/business/energy/us-shale-industry-tempers-output-even-oil-price-jumps-2021-06-28>.

28 ⁷⁶ *Id.*

prosperity from monopoly rents. He predicted: “*I think OPEC+ is solid. I think the U.S. will remain disciplined. And so, I think the industry is in for a long run of really good results.*”⁷⁷

g. On October 3, 2021, Sheffield said U.S. producers were not willing to increase supply to curb soaring crude oil prices that were “under OPEC control,”⁷⁸ reflecting Defendants’ production restraint agreement. Sheffield reaffirmed Pioneer’s commitment to the agreement, promising to cap any Pioneer output increase at 5% per year *regardless of the price of crude oil*, explaining “***everybody’s going to be disciplined, regardless whether it’s \$75 Brent,⁷⁹ \$80 Brent, or \$100 Brent.***”⁸⁰

104. Defendants' "discipline" during this period stood in stark contrast to their prior behavior. With break-even prices of approximately \$40/barrel, withholding production was not a logical response, nor seemingly in their best interest. Reporters and industry analysts found it remarkable, if not bizarre:

- a. In January 2021, Reuters reported that “U.S. shale producers are keeping their pledges to hold the line on spending and keep output flat, a departure from

⁷⁷ EOG Resources (EOG), *Q2 2021 Earnings Call Tr.*, THE MOTLEY FOOL (Aug. 5, 2021), <https://www.fool.com/earnings/call-transcripts/2021/08/05/eog-resources-eog-q2-2021-earnings-call-transcript/>.

⁷⁸ Derek Brower & David Sheppard, *US Shale Drillers Cannot Contain Oil Price Rise, Pioneer Boss Says*, FIN. TIMES (Oct. 3, 2021), <https://www.ft.com/content/c21eb656-8d09-45ce-a13a-7d8419426b05>.

⁷⁹ “Brent” refers to Brent crude, a widely recognized benchmark for pricing crude oil internationally. The price of Brent crude oil is determined through trading on the Intercontinental Exchange (“ICE”) in London. It is often used as a reference point for setting oil prices.

⁸⁰ See Brower & Sheppard, *supra* n.87. “Brent” refers to the price of Brent standard sweet light crude oil, a standard originally based in crude extracted from Brent oilfield in the North Sea. The other commonly used crude oil price in the U.S. is the “WTI” (West Texas Intermediate) oil standard. The two standards and prices differ slightly but are not relevant to these allegations.

1 previous boom cycles.”⁸¹ The reporter noted that 2021’s “run up in crude prices,
 2 and *oil output curbs imposed by the OPEC+ producers group, historically*
 3 *would have triggered a drilling boom.*”⁸²

4 b. In June 2021, a second Reuters journalist observed that “U.S. shale producers
 5 have normally captured market share from OPEC+ whenever prices have been
 6 above \$55-60 per barrel.”⁸³ However, Defendants’ output restraints had
 7 “*emboldened OPEC+ to maintain its own output curbs, temporarily removing*
 8 *the threat of lost market share and accelerating the upward pressure on*
 9 *prices. Shale producers have publicly reiterated their new commitment to*
 10 *output restraint in interviews as well as calls with analysts and investors.*”⁸⁴

11 c. On an earnings call for Chesapeake in early 2022, Bank of America Managing
 12 Director and Head of U.S. Oil and Gas confronted Chesapeake’s CEO over their
 13 plans to slow production, admonishing that it would be “the easiest way to
 14 destroy value” for the company in the long term.⁸⁵

15 105. OPEC was not surprised. In early 2021, OPEC predicted a significant annual drop in
 16 U.S. shale production.⁸⁶ OPEC also signaled that the price war was over. Secretary General Barkindo
 17 reported that “U.S. shale is an important stakeholder in our global efforts to restore balance to the oil
 18

19 22 ⁸¹ Liz Hampton, *U.S. Shale Industry Tempers Output Even as Oil Prices Jump*, REUTERS (Jan. 28,
 2021), <https://www.reuters.com/business/energy/us-shale-industry-tempers-output-even-oil-price-jumps-2021-06-28>.

20 23 ⁸² *Id.*

24 25 ⁸³ John Kemp, *U.S. Shale Restraint Pushes Oil Prices to Multi-Year High*, REUTERS (June 4, 2021),
 26 <https://www.reuters.com/article/global-oil-kemp-idAFL5N2NM37M>.

27 28 ⁸⁴ *Id.*

⁸⁵ Chesapeake Energy Corporation (CHK), *CEO Nick Dell’Osso on Q4 2021 Results -Earnings Call Transcript*, SEEKING ALPHA (Feb. 24, 2022), <https://seekingalpha.com/article/4489980-chesapeake-energy-corporation-chk-ceo-nickdelloossoon-q4-2021-results-earnings-call>.

⁸⁶ See Lawler & Hiller, *supra* n.80.

1 market” and that Independents and OPEC “*have a shared responsibility in this regard.*”⁸⁷

2 **F. 2022-2023: Defendants’ Coordination with OPEC Reaches New Heights**

3 106. In 2022, reacting to Russia’s invasion of Ukraine, crude oil prices shot up. Distinct from
4 the drastic drop in demand precipitated by the pandemic, this was a supply-side shock that caused a
5 decrease in the quantity of oil available in the U.S. market, both from increased strain on supply chains,
6 and more importantly, the separation of Russia’s oil production from the world market.

7 107. By mid-2022, the price of oil surpassed \$120 a barrel—its highest price since the
8 overheated pre-crash economy of 2008. Aiming to maintain these high prices as the initial price shock
9 from Russia’s invasion wore off, OPEC withheld further production, and made production cuts in
10 October 2022 of two million barrels per day. OPEC announced these cuts as crude prices began to
11 return to normalcy from their near-record highs, and indicated they were intended to “stabilize the
12 recent fall in global energy prices.”⁸⁸

13 108. The year 2022 saw record high prices that remained high throughout 2023. Yet
14 Defendants continued to act against their rational economic self-interest and withheld production:⁸⁹

15 a. In February of 2022, against the backdrop of Russia’s imminent invasion of
16 Ukraine, Sheffield once more made remarks alluding to the existence of an
17 agreement between and among Defendants: “In regard to the industry, it’s *been*
18 *interesting watching some of the announcements so far, the public[ly listed]*

23 ⁸⁷ *Id.*

24 ⁸⁸ Jeff Stein, et al., *OPEC, Allies Move to Slash Oil Production, Eliciting Blistering White House*
25 *Response*, WASH. POST (Oct. 5, 2022), <https://www.washingtonpost.com/business/2022/10/05/opec-plus-oil-cut-russia-saudi-arabia/>.

26 ⁸⁹ See Lawler & Scheyder, *supra* n.51; Erik Norland, *As Oil Prices Plunge, What Will Swing Producers*
27 *Do?*, CME GROUP (Nov. 21, 2018), <https://www.cmegroup.com/education/featured-reports/as-oil-prices-plunge-what-will-swing-producers-do.html> (in the past, “higher [crude oil] prices incentivized an enormous increase in U.S. production”, and even OPEC members understood that “[i]t’s normal for shale oil, tight oil [production] to increase . . . whenever oil prices support it.”).

1 *[I]ndependents are staying in line*” and “*I’m confident they will continue to*
 2 *stay in line.*”⁹⁰ Shockingly, he disclaimed *any* sensitivity to the price of oil even
 3 if it nearly *doubled*, sending untold shale acreage into unheard of profitability.
 4 **“Whether it’s \$150 oil, \$200 oil, or \$100 oil, we’re not going to change our**
 5 ***growth plans,***” he told one reporter.⁹¹

6

- 7 b. Later in February, other Defendants signaled their alignment. During an
- 8 earnings call, Continental CEO William Berry confirmed, “[w]e project
- 9 generating flat to 5% annual production growth over the next five years.”⁹²
- 10 c. On February 22, 2023, Diamondback CEO Travis Stice asserted, “we have no
- 11 reason to put growth before returns . . . we will continue to be disciplined.”⁹³
- 12 d. On February 24, 2022, Bloomberg reported that “EOG Resources Inc. plans to
- 13 restrain oil growth despite surging prices, falling into line with most other major
- 14 U.S. independent shale producers. . . . like Pioneer Natural Resources and
- 15 Continental Resources[, who] are also limiting increases to less than 5% this
- 16 year.”⁹⁴
- 17 e. In March 2022, Occidental CEO Vicki Hollub touted its “huge inventory of

20

21 ⁹⁰ Tsvetana Paraskova, *Not Even \$200 Oil Will Make Shale Giants Drill Aggressively*, OILPRICE.COM
 22 (Feb. 18, 2022), <https://oilprice.com/Energy/Energy-General/Not-Even-200-Oil-Will-Make-Shale-Giants-Drill-Aggressively.html#:~:text=The%20largest%20U.S.%20shale%20producers,shale%20firms%20said%20this%20week>.

23 ⁹¹ *Id.*

24 ⁹² *Id.*

25 ⁹³ Geert De Lombaerde, *Diamondback to Keep Production Flat, Invest \$1.75 Billion in 2022*, OIL &
 26 GAS J. (Feb. 23, 2022), <https://www.ogj.com/drillingproduction/article/14234465/diamondback-to-keep-production-flat-invest-175b-in-22>.

27 ⁹⁴ Kevin Crowley, *EOG Holds Back Oil-Production Growth in Line with Shale Peers*, BLOOMBERG
 28 (Feb. 24, 2022), <https://www.bloomberg.com/news/articles/2022-02-24/eog-holds-back-oil-production-growth-in-line-with-shale-peers>.

high-quality investments” but bizarrely explained her company’s failure to act on those opportunities to expand production by alternately blaming the pandemic and explaining the decision as a ”focus[] on returning capital to shareholders.”⁹⁵

f. On an August 2022 earnings call, EOG said that although the economic conditions were ripe for a production increase, the company intended to limit its 2023 production growth to “low single digits” and was “committed to remaining disciplined.”⁹⁶ In 2022, EOG increased production by a mere 4% and indicated it planned for the same increase in 2023.⁹⁷

g. In January 2023, Sheffield stated that the “aggressive growth era of US shale is over.” Per Sheffield, Pioneer and the other Defendants were “no longer a swing producer.”⁹⁸

109. Against this backdrop of high crude prices and increasing efficiency, oil industry observers expressed their continued shock at Defendants' production restraint and refusal to compete for market share:

a. An article in the Washington Post, posited that the price increases following

⁹⁵ Pippa Stevens, *Oil Producers in a ‘Dire Situation’ and Unable to Ramp Up Output, Says Oxy CEO*, CNBC (Mar. 8, 2022), <https://www.cnbc.com/2022/03/08/oil-producers-in-a-dire-situation-and-unable-to-ramp-output-says-oxy-ceo.html#:~:text=Energy-,Oil%20producers%20in%20a%20'dire%20situation'%20and%20unable%20to%20ramp,up%20output%2C%20says%20Oxy%20CEO&text=U.S%20producers%20were%20largely%20expecting,said%20Oxy%20CEO%20Vicki%20Hollub>.

⁹⁶ EOG Resources (EOG), *Q2 2022 Earnings Call Tr.*, THE MOTLEY FOOL (Aug. 5, 2022), <https://www.fool.com/earnings/call-transcripts/2022/08/05/eog-resources-eog-q2-2022-earnings-call-transcript/>.

⁹⁷ Liz Hampton, *U.S. Shale Producer EOG Sticks to 4% Annual Output Growth*, REUTERS (Aug. 5, 2022), <https://www.reuters.com/business/energy/us-shale-producer-eog-maintain-low-single-digit-oil-output-2022-08-05/>.

⁹⁸ Derek Brower and Myles McCormick, *What the End of the US Shale Revolution Would Mean for the World*, FIN. TIMES (Jan. 15, 2023), <https://www.ft.com/content/60747b3b-e6ea-47c0-938d-af515816d0f1>.

Russia's invasion of Ukraine were a "clear signal to raise [shale] production; we're talking Bat- Signal clarity here."⁹⁹

b. A February 2022 Bloomberg article questioned why Defendant EOG wouldn't "take advantage of higher prices by pumping more crude from its shale fields."

The article noted that EOG “plan[ned] to restrain oil growth this year despite surging prices, falling into line with most other major U.S. independent shale producers.”¹⁰⁰

c. In March 2022, a CNBC anchor observed: “I know we keep hearing about this key code word from all of the oil companies right now that they are ‘disciplined,’ but when you see oil at north of 120 dollars a barrel, I mean it’s one thing to be disciplined, it’s another thing to miss an opportunity.”¹⁰¹

d. On April 3, 2023, following additional reductions by OPEC, Bloomberg reported that the U.S. shale industry did not plan to “break a three-year trend” by increasing production in response to rising oil prices, and would not “rescue” U.S. consumers from high gas prices, despite being “flush with cash after record profits.”¹⁰² ⁹⁵ As one industry expert explained, “OPEC and shale are much more on the same team now, with supply discipline on both sides” which “really puts a floor under the price of oil long term.”¹⁰³

⁹⁹ Liam Denning, *Shale Companies Say They Can't Drill More, Even When There's a War?*, BLOOMBERG (Feb. 28, 2022), <https://www.bloomberg.com/opinion/articles/2022-02-28/shale-companies-say-they-can-t-drill-more-even-when-there-s-a-war>.

¹⁰⁰ See Crowley, *supra* n.94.

¹⁰¹ See Stevens, *supra* n.95.

¹⁰² Kevin Crowley and Mitchell Ferman, *Don't Expect US Shale to Quickly Fill the Gap Left by OPEC+ Cut*, BLOOMBERG (Apr. 3, 2023), https://www.bloomberg.com/news/articles/2023-04-03/opec-surprise-cut-won-t-be-filled-by-us-shale-oil?in_source=embedded-checkout-banner.

103 *Id.*

1 110. Over the course of 2022 and 2023, Defendants and OPEC officials continued to meet
 2 and communicate with each other.

3 111. At the 2022 CERAWeek Conference, held in Houston, Texas, between March 6-10,
 4 Defendants met with OPEC officials once more. At some point during the 2022 conference week,
 5 Defendants and OPEC “gathered in a private room at a restaurant and U.S. producers presented OPEC
 6 Secretary General Barkindo with a bottle labeled ‘Genuine Barnett Shale’ – from the oilfield that
 7 launched the shale revolution. Barkindo proudly displayed the memento as he left the meeting, which
 8 included executives from Hess Corp . . . and Chesapeake Energy.”¹⁰⁴ As observed by Reuters,
 9 Defendants and OPEC had “found themselves on similar sides as oil prices have surged well above
 10 \$100 a barrel: in no rush to rapidly boost production.”¹⁰⁵ Chesapeake CEO Domenic Dell’Osso agreed
 11 that “[w]ere shale to ramp up output only to have prices fall, we have destroyed a lot of value for
 12 shareholders and haven’t helped the problem.”¹⁰⁶

13 112. In March, 2023, “about two dozen [U.S. shale executives] including [Defendants’
 14 executives:] Sheffield [of Pioneer], . . . Nick Dell’Osso of Chesapeake Energy, Travis Stice of
 15 Diamondback Energy, Vicki Hollub of Occidental Petroleum, and John Hess of Hess Corporation met
 16 with OPEC Secretary General[-elect] Haitham Al Ghais¹⁰⁷ for a private dinner in a downtown Houston
 17 steakhouse” to reaffirm their mutual commitment to withholding production, “[d]espite recent record
 18 profits.” At the dinner, “***[t]he shale executives pressed Al Ghais on how much spare production***

21
 22
 23 ¹⁰⁴ See Hampton, *supra* n.23.

24 ¹⁰⁵ *Id.*

25 ¹⁰⁶ *Id.*

26 ¹⁰⁷ In January 2022, OPEC declined to grant Mohammad Sanusi Barkindo a third term as Secretary
 27 General and chose Haitham Al-Ghais, a veteran oil official from Kuwait, as his successor. Barkindo
 28 was scheduled to leave his position at the end of July 2022, but on July 5, he passed away. According
 to the New York Times, “[t]here is no indication that the change of leadership will influence how much
 oil OPEC produces.” Stanley Reed, *Mohammad Barkindo, OPEC’s top official, dies*, N.Y. TIMES (July
 6, 2022), <https://www.nytimes.com/2022/07/06/business/opec-barkindo.html>.

1 **capacity OPEC could deploy, and offered their own assessment of how much extra output the US**
 2 **could deliver this year – a range between 400,000 and 600,000 b/d, according to one person at the**
 3 **dinner.”** While speaking to the reporter, Sheffield stood fast in his support of OPEC, “I think the people
 4 that are in charge now are three countries – and they’ll be in charge the next 25 years. Saudi first, UAE
 5 second, Kuwait third.” Sheffield appears not to have commented on his industry’s collective proposal
 6 of forward-looking production estimates to OPEC, or what they received in return.
 7

8 113. At the start of 2023, Defendants made it even more clear that they were coordinating
 9 with OPEC, making financial decisions they could not reasonably have made without advance
 10 knowledge of OPEC production cuts.

11 114. On January 5, 2023, Defendant Pioneer’s CEO Sheffield claimed that “OPEC ministers
 12 are frustrated over the recent price fall,” before predicting that upcoming production was “going to
 13 change If [price] stays too low, it wouldn’t surprise me if [OPEC] ha[s] another cut [W]e’ll
 14 see what happens in the next 90 days.”¹⁰⁸
 15

16 115. Then, 87 days later, OPEC “shocked traders around the world”¹⁰⁹ by declaring a
 17 “surprise” production cut as OPEC “had been largely expected to stick to its already agreed 2m bpd
 18 cuts.”¹¹⁰

19 116. On March 27, 2023, in between Sheffield’s prediction and OPEC’s shocking
 20 announcement, it was brought to the public’s attention that some Defendants, including at least Pioneer
 21 (Sheffield’s company) and EOG, had pulled back the hedge positions they had previously established
 22

23

24 ¹⁰⁸ Kevin Crowley, *One Shale Executive Correctly Called OPEC+’s Surprise Output Cut*,
 25 BLOOMBERG (Apr. 4, 2023), <https://www.bloomberg.com/news/articles/2023-04-04/one-shale-executive-correctly-called-opec-s-surprise-output-cut?sref=NqTCpwwa>.

26 ¹⁰⁹ *Id.*

27 ¹¹⁰ Reuters, *OPEC+ Announces Surprise Cuts in Oil Production*, THE GUARDIAN (Apr. 2, 2023),
 28 <https://www.theguardian.com/business/2023/apr/02/opec-announces-surprise-cuts-in-oil-production-of-about-115-mbpd>.

1 to protect against downward oil price movements. As a result, Defendants were “suddenly vulnerable”
 2 and left exposed to exorbitant economic risk if oil prices declined.¹¹¹

3 117. Defendant Pioneer’s CEO Sheffield defended its incredibly risky actions, stating “we’re
 4 not going to hedge,” and he remained “optimistic that we’ll see \$100 a barrel before the end of the
 5 year.”¹¹²

6 118. On April 2, 2023, within a week of the news concerning Defendants’ exposed positions
 7 coming to the public forefront, OPEC announced their “surprise” production reduction, cutting a
 8 consequential quantity of 1.15 million barrels of oil production per day.¹¹³ There is simply no
 9 explanation for Defendants’ failure to hedge other than their advance knowledge of OPEC’s plan to
 10 cut production.

12 119. In April 2023, an energy analyst explained the resulting impact from Defendants’
 13 output constraint agreement:

14 In its early days, shale behaved like a dimmer, with output growth
 15 accelerating proportionally as oil prices were dialed up. That ability to
 16 respond quickly to the market was due to the speed at which shale wells
 17 could be developed: a few months compared to the years or decades of Big
 18 Oil projects. Today, shale is as responsive as in the past. But there’s a
 19 difference. *The dimmer appears to be capped at a certain level: No matter
 20 how high oil prices go above that level – say \$100 a barrel – the industry
 21 will no longer add rigs to sop up market share.* Rather, it will stay put and
 22 go into harvest mode with existing wells – that’s exactly what happened in
 23 2022, much to the consternation of the White House, which urged shale
 24 companies to drill more.¹¹⁴

25 120. Defendants were capable of increasing production and gaining market share – that they

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1 did not do so was entirely their choice¹¹⁵:

2 Defendant	3 2017-2019 U.S. Oil 4 Production Growth Rate 5 (Comparison Period)	6 2021-2023 U.S. Oil 7 Production Growth Rate 8 (Class Period)
9 Centennial/Permian	10 123%	11 56%
12 Chesapeake	13 31%	14 -63%
15 Continental	16 43%	17 42%
18 Diamondback	19 220%	20 19%
21 EOG	22 36%	23 6%
24 Hess	25 25%	26 -6%
27 Occidental	28 89%	29 8%
30 Pioneer	31 34%	32 3%
33 Defendants' Production 34 Weighted Average	35 63%	36 14%
37 Average Crude Oil Price per 38 Barrel	39 \$55.01	40 \$78.42
41 Average U.S. Consumer 42 Gasoline Price	43 \$2.67	44 \$3.61

16 121. Defendants' agreement to restrain production has achieved its intended effect.

17 Defendants have enjoyed massive revenue increases, which they have retained rather than reinvested
18 into new production.

20 **G. Defendants' "Restraint" Is Economically Irrational Absent Collusion**

21 122. Defendants employed a variety of terms and phrases, including being "disciplined," or
22 focusing on "value growth," or "staying in line," or operating for "shareholder returns," as code for
23 their mutual agreement to coordinate and restrain domestic shale oil production. Moreover,

25 ¹¹⁵ On Sep. 1, 2022, Centennial Resources merged with Colgate Energy Partners II, LLC to form
26 Permian Resources. *Centennial, Colgate Finalize \$3.9B Merger; Debut as Permian Resources Corp.*,
27 SHALE EXPERTS (Sep. 1, 2022), https://www.shaleexperts.com/articles/Centennial-Colgate-Finalize-3.9B-Merger-Debut-as-Permian-Resources-Corp_999951603. Thus, the 56% figure listed in this table
28 for Centennial is its 2021-2022 pre-merger growth rate as public figures do not permit Plaintiff to
back-out production figures from Colgate's rigs post-acquisition.

1 Defendants' repeated public touting of their production discipline revealed that they each had
2 additional production capacity that they simply chose to leave untouched.

3 123. In a competitive market, when prices are higher than a firm's marginal costs, the firm
4 increases their supply to the point where the market price equals the marginal cost of producing an
5 additional unit of supply (accounting for an economic profit). Real-world considerations complicate
6 this model somewhat, but it remains among the foundational principles of microeconomics because
7 those complications don't matter that much in the real world. With oil prices far above each
8 Defendant's "break-even" point, each Defendant had enormous incentives to pursue additional
9 production. In a competitive market, firms that decline profitable opportunities lose them to
10 competitors. The oil price war in which the Defendants had just participated illustrated this principle:
11 OPEC, a low-cost oil producer, artificially constrained supply to increase prices; oil shale producers
12 stepped into those prices, made their own substantial profits, and captured substantial market share.
13 OPEC had opened competition to regain that market share, and prices had fallen, but the Defendant
14 shale producers had developed lean and efficient businesses and survived; faced with an opportunity
15 to put its expertise to use in a much more favorable market, each Defendant demurred, resisting the
16 compelling force of the market's invisible hand.

17 124. The only economically rational reason any Defendant would choose this path is if they
18 each knew the others would also decline to increase production, and that enough of the crude oil market
19 would exercise similar restraint that it would not significantly affect the Defendants' market share.
20 Individually, no U.S. shale oil producer had market power sufficient to constrain overall U.S. shale oil
21 outputs significantly—nevermind world outputs. Together, however, they had substantial power in the
22 U.S. market—especially with respect to the swing production that mattered most to global prices.
23 Together, the Defendants could substantially constrain the portion of U.S. oil production most
24 important to the global price of oil; and as a result, they could exercise their power to negotiate cartel
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1 supply restrictions with OPEC, insuring against competition from other major swing producers.

2 125. Indeed, the supermajors and many smaller independent producers did respond to these
 3 individual incentives, though practical limitations on their ability to respond quickly limited their
 4 effect. Supermajors have historically refrained from substantial investments in fracking wells, viewing
 5 them as a smaller-scale enterprise difficult to integrate into their very large-scale institutions. Yet in
 6 2021 and 2022, directly responding to U.S. shale producers' "underinvesting as an industry,"¹¹⁶ the
 7 supermajors began investing in shale at unprecedented rates.

8

- 9 a. Responding to record high crude oil prices, ExxonMobil planned to boost its
- 10 2022 production level in the Permian Basin by 25%.¹¹⁷
- 11 b. Likewise, Chevron planned a 10% increase in the same region at the same time
- 12 "from an even larger production base."¹¹⁸
- 13 c. In May 2023, ExxonMobil Chief Executive Darren Woods stated that by using
- 14 new technologies Exxon aimed to double the volume of oil produced from its
- 15 U.S. shale holdings over a five-year timeframe.¹¹⁹

16 126. Smaller companies likewise took advantage of the favorable economic conditions and
 17 drilled furiously. In 2022, "[s]maller, privately held firms . . . raised production in response to higher
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23 ¹¹⁶ Clifford Krauss, *What Exxon & Chevron Are Doing With Those Big Profits*, N.Y. TIMES (Feb. 1, 2023), <https://www.nytimes.com/2023/02/01/business/energy-environment/exxon-chevron-oil-gas-profit.html>.

24 ¹¹⁷ Kevin Crowley, *et al.*, *Exxon and Chevron Plan Permian Oil Surge as Peers Preach Caution*, BLOOMBERG (Feb. 2, 2022), <https://www.bloomberg.com/news/articles/2022-02-01/exxon-joins-chevron-in-permian-oil-surge-as-peers-preach-caution>.

25 ¹¹⁸ *Id.*

26 ¹¹⁹ Sabrina Valle, *Exxon CEO Says Technology Advances Could Double Its Shale Output*, REUTERS (June 1, 2023), <https://www.reuters.com/business/energy/exxon-ceo-says-5-year-program-could-double-its-shale-output-2023-06-01/>.

1 prices and are going full steam ahead.”¹²⁰ Benefitting from the production gap left by Defendants,
 2 these smaller private producers “lead output gains during the highest [crude oil] prices in seven
 3 years.”¹²¹ As one example, according to Reuters, “Tall City Exploration, a privately-backed Permian
 4 [basin] producer, added a second drilling rig . . . and is eying a three-fold increase” from 2021 in 2022
 5 production.¹²²

6
 7 127. Small shale oil producers, however, are limited in how fast they can add supply because
 8 they lack Defendants’ economies of scale. They have less capital, less access to limiting resources like
 9 drilling rigs, and are less able to scale up hiring and management to operate multiple drilling projects
 10 in parallel.

11
 12 **V. DEFENDANTS’ MARKET POWER OVER OIL PRICES**

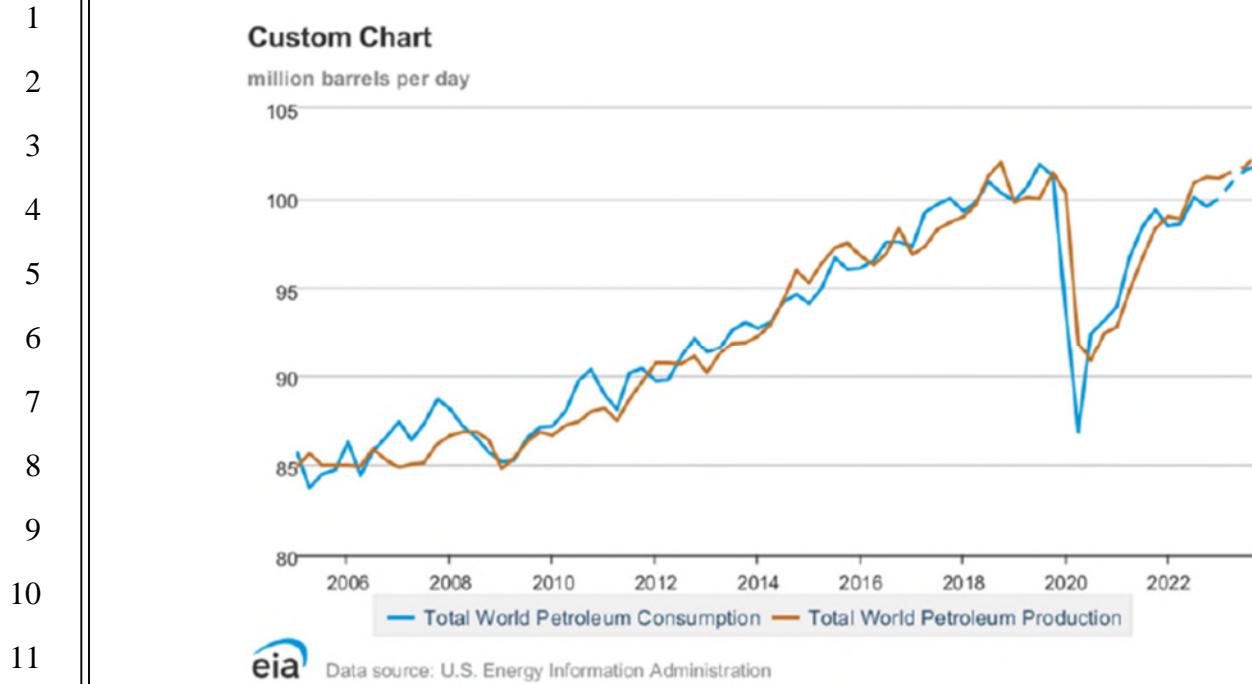
13 128. That Defendants collectively had sufficient power to dramatically affect global oil
 14 prices is unmistakable. The below chart shows quarterly changes in world oil supply and demand from
 15 2005 to 2023.¹²³

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 25 ¹²⁰ Liz Hampton, *U.S. Shale Oil Forecasts Keep Rising as Smaller Producers Lead the Way*, Reuters
 26 (Mar. 2, 2022), <https://www.reuters.com/business/energy/us-shale-oil-forecasts-keep-rising-smaller-producers-lead-way-2022-03-02/>.

27 ¹²¹ *Id.*

28 ¹²² *Id.*

¹²³ See <https://www.eia.gov/>.



129. Much of the world's oil consumption is essentially steady, with substantial changes in demand over time driven by long-term trends. For example, despite variances from quarter to quarter, the above graph shows an overall steady long term upward trend in oil consumption since 2005, driven largely by growth in developing countries and softened somewhat by developed nations' efforts to decarbonize their economies.

130. Predictable long-term demand trends drive predictable long-term trends in supply, with long-term increasing demand sparking major capital investments in large conventional and unconventional oil projects, usually helmed by supermajors. Sponsors of these large projects invest an enormous amount of up-front capital in developing them on the strength of their long-term predictions of demand, betting that the projects will produce oil at low marginal costs for many years, which oil can be sold into the market at a consistent profit, gradually delivering strong returns on up-front capital.

131. Because they take so long to plan and bring on-line, these large projects do not affect global prices much, at least on medium-term time horizons, though they do affect the long- term global mix of suppliers. Supermajors effectively sell their product at consistent and predictable levels to a

1 consistent and predictable base of demand.

2 132. On shorter time horizons, supply and demand for oil vary substantially, but within a
 3 very narrow band of the total oil market. These variations are represented by the smaller peaks and
 4 troughs along the overall upward trend in the chart above. The largest variances in demand during the
 5 period shown above are the unprecedented COVID-19 drops in Q1 and Q2 2020, with demand
 6 plummeting 7.48 and 6.89 Mmbd, respectively, from pre-Covid demand of about 102 Mmbd. At the
 7 lowest ebb of this crisis, in other words, world oil demand declined by a little less than 15%. The next
 8 quarter, demand rebounded by 5.63 Mmbd. Excepting the COVID crisis, the largest change in demand
 9 in the last 18 years was a decline of 1.95 Mmbd in the second quarter of 2005. On average over this
 10 period, even including the volatility induced by the pandemic, global oil demand varied only a bit more
 11 than 1 Mmbd from quarter to quarter—an average of about 1.2% throughout the timeline.
 12

13 133. World crude oil production varies within a similarly narrow band. The largest quarterly
 14 increase in global production was in Q2 2020, jumping 8.38 Mmbd. Average supply changes from
 15 quarter to quarter were only 0.82 Mmbd.
 16

17 134. These relatively small changes in supply and demand (and the financial markets'
 18 expectations about them) drive short- and medium-term variation in the global price of oil. For
 19 example, in the second half of 2014, the beginning of OPEC's price war with U.S. Independents, global
 20 oil supply increased over Q2 levels by only 3.03 Mmbd. Over the same period, global demand
 21 *increased* by 1.53 Mmbd. The resulting 1.5 Mmbd change in the balance of supply and demand—
 22 about 2% of total production—sent crude oil prices plummeting from \$105.79/bbl in June 2014 to
 23 \$59.29 in December. ***Thus, a 2% net change in oil supply caused a 47% drop in the price.***
 24

25 135. As of 2022, Defendants collectively produced in excess of 1 Mmbd of crude oil, at
 26 artificially constrained conspiracy levels. This represents a small portion of global oil supply, but it is
 27 agile supply at the margin of the oil market's balance of supply and demand. They control even more
 28

1 potential production that could be brought into production within months. As a result, Defendants' 2 share of short-run productive capacity—the capacity that most affects short-term variation in oil 3 prices—is much higher, particularly when the productive capacity controlled by the OPEC+ cartel is 4 excluded. By withholding their production as a group (and especially by coordinating production levels 5 with OPEC+), Defendants' market power is more than enough to substantially influence global crude 6 prices.

8 136. When Defendants' production and productive capacity are considered in conjunction 9 with OPEC and OPEC+, the cartel formed by these entities collectively controls approximately 60% 10 of total world oil production. More importantly, they control nearly all world oil production that can 11 be quickly brought to market in response to short-run price variations.

13 VI. PLUS FACTORS

14 137. OPEC's and Defendants' statements quoted above amply evince explicit coordination 15 of production cuts among Defendants and OPEC. Lest this evidence be ignored, however, Defendants' 16 parallel conduct in jointly restricting shale oil production is amply supported by "plus factor" indicators 17 that support a plausible and reasonable inference of collusion over potential non-collusive 18 explanations.

19 138. The oil industry is highly vulnerable to collusion over production levels. Indeed, it 20 should be undisputed that it supports a thriving cartel that effectively controls global prices. It is the 21 quintessential commodity, where product is interchangeable, facilitating price-fixing negotiations 22 among would-be competitors.

24 139. Defendants had and have many opportunities for collusion. As described above, 25 Defendants did in fact meet collectively with OPEC during trade association gatherings, including 26 annually at the CERAWeek Conference in Houston, TX, to discuss their internal cooperation and the 27 overall cooperation with OPEC by all Defendants to maintain that surplus capacity. Public reports of 28

1 these meetings from participants (who have incentives not to reveal the full extent of their collusion)
 2 confirmed that the meetings were explicitly intended to facilitate cooperation between Defendants and
 3 OPEC.

4 140. The price-moving portion of the oil market—the short-run productive capacity to
 5 supply production quickly in response to price signals—is highly concentrated, and most of it is
 6 explicitly cartelized in OPEC and OPEC+. Outside of this cartel, Defendants control a significant
 7 portion of the remaining productive capacity. More broadly, though the global oil market is relatively
 8 diverse, more than 60% of the market is explicitly cartelized.

9 141. The market conditions for crude oil sold in the U.S. are susceptible to the price effects
 10 of collusion because it, and the downstream products for which it is the key input, is a daily-use
 11 commodity that has no substitute for many purchasers and high switching costs for the remainder,
 12 leading to highly inelastic demand.¹²⁴ Inelastic demand allows producer cartels to extract monopoly
 13 rents from customers who have few options to avoid price increases.

14 142. As explained above, Defendants faced strong individual incentives to *increase* their
 15 production during the class period, and their individual decisions not to increase production are
 16 economically rational only if made in a context of mutual commitments among themselves to constrain
 17 production.

18 143. As illustrated above, Defendants shared a high level of interfirm communications, both
 19 in private and through publicly reported statements about competitively sensitive information such as
 20 forward-looking production plans.

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 22
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 24
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 26
 27 ¹²⁴ Gasoline itself has highly inelastic demand, meaning that very few consumers will switch to
 28 alternative products as the price at the pump rises. This reinforces the inelasticity of upstream demand
 for crude oil.

VII. ANTITRUST INJURY

A. Defendants' Agreement to Constrain Shale Oil Production Has Inflated and Influenced the Price of Crude Oil Throughout the Class Period.

144. As noted above, Defendants' control over a substantial share of short-run productive capacity allows it substantial influence over crude oil prices. Many observers have attributed shifts in the price of oil to U.S. oil shale production.

- a. A 2019 Forbes article, reports that “without the U.S. shale oil boom, [crude] oil prices would have never dropped back below \$100/bbl” because, since 2008, “U.S. oil production increased by 8.5 million bpd – equal to 73.2% of the global increase in production.”¹²⁵
- b. In a 2017 article titled “The oil market in the age of shale oil,” economists declared that, since 2014, US shale oil has impacted the price of oil by amplifying the worldwide crude oil supply and influencing OPEC policies.¹²⁶
- c. In October 2019, the Executive Office of the U.S. President’s Council of Economic Advisors asserted that the U.S. shale revolution has “reduced the global price of oil by 10 percent” since 2007.¹²⁷
- d. In 2020, economists from the Federal Reserve Bank of Dallas concluded that oil prices would have risen by 36% in 2018 without the shale oil revolution.¹²⁸
- e. In 2023, an article published in the International Journal of Energy Economics

¹²⁵ Robert Rapier, *The U.S. Accounted for 98% of Global Oil Production Growth in 2018*, FORBES (June 23, 2019), <https://www.forbes.com/sites/rrapier/2019/06/23/the-u-s-accounted-for-98-of-global-oil-production-growth-in-2018/?sh=297892b51251>.

¹²⁶ Irma Alonso Alvarez & Virginia Di Nino, *The oil market in the age of shale oil*, 8 ECB Econ. Bulletin, 57-74 (2017).

¹²⁷ *The Value of U.S. Energy Innovation & Policies Supporting the Shale Revolution*, Council of Econ. Advisors (Oct. 2019), <https://trumpwhitehouse.archives.gov/wp-content/uploads/2019/10/The-Value-of-U.S.-Energy-Innovation-and-Policies-Supporting-the-Shale-Revolution.pdf>.

¹²⁸ Nathan S. Balke, *et al.*, *The Shale Revolution and the Dynamics of the Oil Market*, Fed. Reserve Bank of Dallas (June 17, 2020), <https://www.dallasfed.org/research/papers/2020/wp2021>.

1 and Policy states that, in the past, “[t]he increase in US crude oil production,
 2 driven by shale oil . . . significantly increased oil supply, directly affecting the
 3 price of crude oil . . .”¹²⁹

4 145. Defendants admit that they have this influence, yet are choosing not to use it. A New
 5 York Times article published on March 2, 2022, reported that, “[e]xecutives of several companies,
 6 including [Defendant] Pioneer Natural Resources . . . and [Defendant] Continental Resources, have
 7 said in recent days that they were committed to limiting production to avoid oversupplying the market
 8 and pushing down prices . . .”¹³⁰

9 146. From no later than 2021, Defendants have collectively coordinated their production
 10 decisions, resulting in production growth rates lower than would be seen in a competitive market,
 11 despite high oil prices and an active global demand.

12 147. Despite production increases from supermajors and smaller private producers,
 13 Defendants’ production restraint has significantly impacted total U.S. shale production. In 2022, U.S.
 14 shale oil production increased by a mere 500,000 barrels, which was 50% short of market analysts’
 15 general yearly predictions.¹³¹

16 148. This result led to a significant difference between the oil supply that *actually* came to
 17 market and the oil supply that *would have* come to market absent Defendants’ conspiracy. This gap
 18 led to a rise in crude oil prices over the prices that would have prevailed in the “but-for” world, leading
 19 invariably to higher prices at the pump for class members and others.

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 21
 22
 23
 24 129 Maitham A. Rodhan, *The Effect of US Shale Oil Production on Local and International Oil Markets*,
 25 13 INT’L J. OF ENERGY ECONS. & POLICY 4 at 433-43 (July 2023),
 https://econjournals.com/index.php/ijep/article/view/14455.

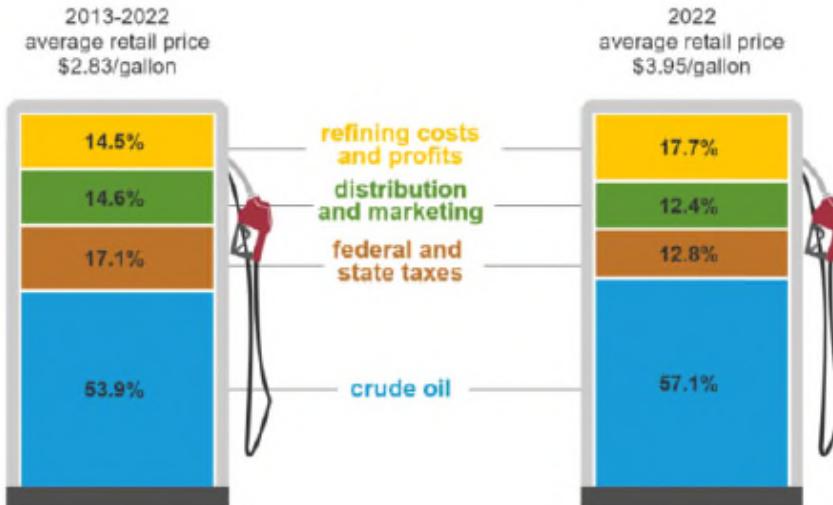
26 130 Stanley Reed, *As Oil Soars, OPEC and Its Allies Decline to Offer Relief*, N.Y. TIMES (Mar. 2, 2022),
 https://www.nytimes.com/2022/03/02/business/oil-prices-opec.html.

27 131 Eric Rosenbaum, *Oil CEOs Are Doubling Down on Buybacks as Biden Budget Seeks to Quadruple*
 28 *Tax*, CNBC (Mar. 7, 2023), https://www.cnbc.com/2023/03/07/oxy-ceo-doesnt-seem-worried-about-
 politics-of-buybacks-gas-prices.html.

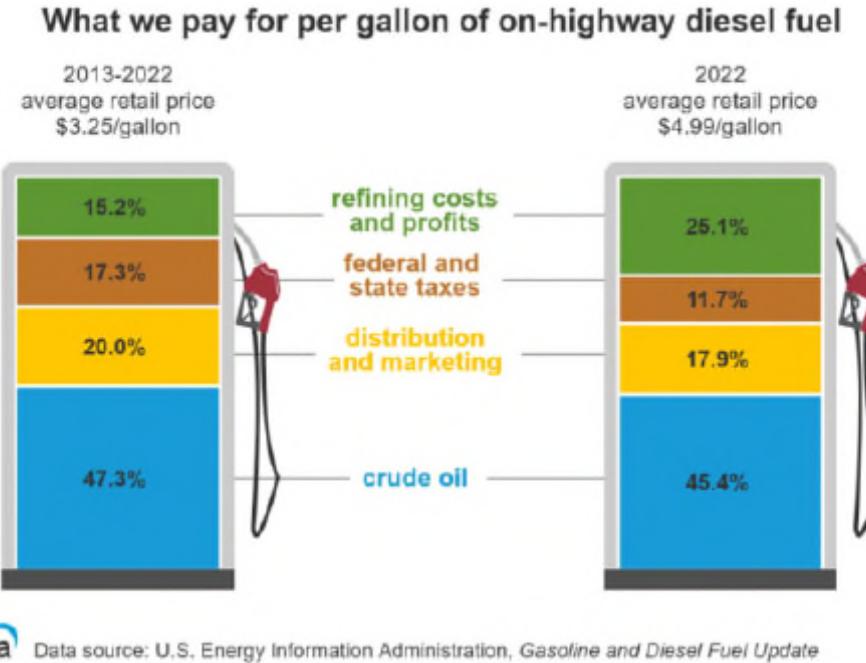
1 **B. Defendants' Agreement to Constrain Shale Oil Production Has Inflated the Price of**
 2 **Retail Gasoline and Retail Diesel Fuel Purchased by Plaintiff and the Classes.**

3 149. Gasoline and diesel fuel commercial purchasers in the U.S., like Plaintiff and the
 4 proposed class members, purchase gasoline and diesel fuel from gas stations and truck stops.
 5 Approximately 54-57% of the U.S. price of gasoline is comprised of the price of crude oil used in the
 6 manufacturing process, with other cost components covering refining, taxes, and distribution and
 7 marketing.¹³² 105 For diesel fuel, crude oil represents approximately 45% of the price at the pump.

8 **What do we pay for per gallon of retail regular grade gasoline?**



31
 32 ¹³² *The Four Main Factors that Influence U.S. Gas Prices*, U.S. DEP'T OF ENERGY (Last Visited Jan.
 33 23, 2024), <https://www.energy.gov/sites/default/files/2023-04/GasPriceFactors2.jpg>. The remainder
 34 of gasoline prices are driven by distribution and marketing costs (16%), refining costs (14%) and taxes
 35 (16%).

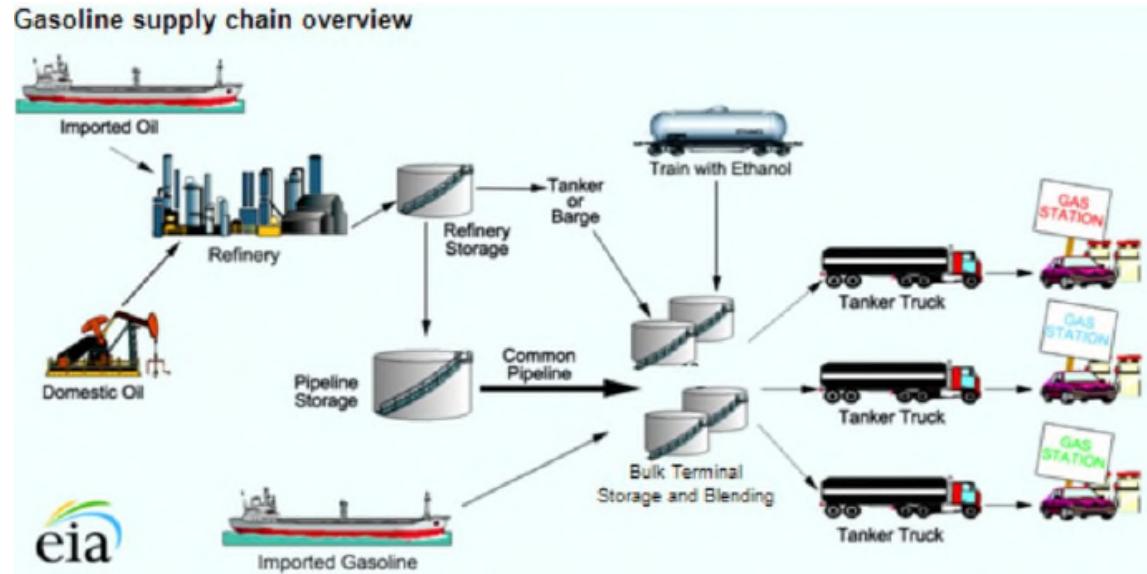


150. Costs of refining, taxes, and distribution and marketing do not fluctuate often, whereas the price of crude oil is actively traded in financial markets and moves constantly, often experiencing large swings. Between March and August 2022, for example, the WTI spot crude oil price ranged from less than \$50 per barrel to more than \$120. On a *single day* in the class period—March 9, 2022—the price of oil dropped nearly \$15 per barrel, more than 11%. Consequently, as recognized by the U.S. Energy Information Administration, “[r]etail gasoline prices are mainly affected by crude oil prices”¹³³ The same is true of diesel.

151. Defendants' own trade association, the American Petroleum Institute, has acknowledged that "the price of crude oil is the primary determinant of the price we pay at the pump" and that "[n]ationwide on a quarterly basis, crude oil prices have explained more than 90% of the variation in [U.S.] gasoline prices since 2020."¹³⁴

¹³³ EIA, Gasoline Explained: *Factors Affecting Gasoline Prices* (Feb. 22, 2023), <https://www.eia.gov/energyexplained/gasoline/factors-affecting-gasoline-prices.php>.

¹³⁴ *Gas Prices Explained: Five Fast Facts About U.S. Gasoline Prices*, AM. PETROLEUM INST., <https://www.api.org/oil-and-natural-gas/energy-primers/gas-prices->

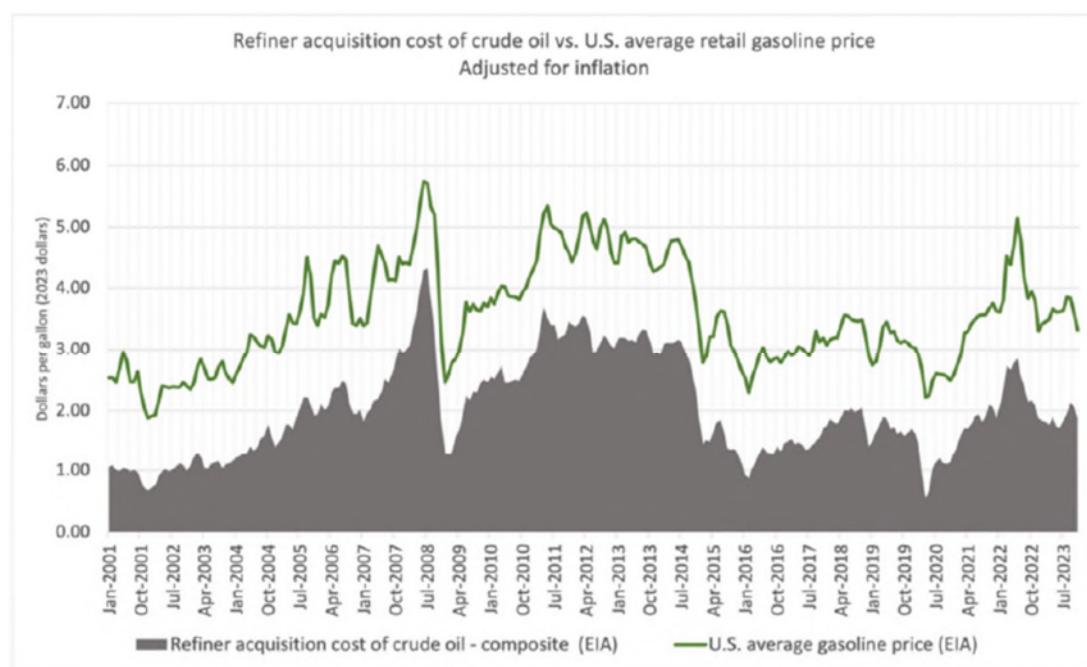


152. When taking account of crude oil's movement through the supply chain from Defendants to consumers, it is far from surprising that crude oil largely drives the pricing of gasoline and diesel. Defendants and other crude oil producers sell crude oil to refineries, who then use chemical separation and reaction processes to convert crude oil into gasoline, diesel, and other products (e.g., home heating oil, jet fuel, and manufacturing feedstocks). The refineries then transport the gasoline to bulk terminal storage facilities. Because crude oil is the primary raw material used to refine gasoline and diesel sold in the United States, Defendants' conspiracy had a direct effect on Plaintiff and members of the Classes who were forced to purchase gasoline or diesel at artificially inflated levels. Gas stations and truck stops purchase gasoline and diesel wholesale from refiners (or other gasoline marketers who have purchased from the refineries) at a price that is directly linked to the price that was paid by refineries for crude oil, including crude oil sold to those refineries by Defendants. Gas stations and truck stops set the price of retail gasoline and diesel above the wholesale price they pay,

explained#:~:text=The%20primary%20factors%20impacting%20gasoline. (Last visited Jan. 23, 2024). See also *Factors that impact gas prices*, NACS (Apr. 05, 2023) <https://www.convenience.org/Topics/Fuels/The-Price-Per-Gallon> (“Retail gasoline prices move an estimated 2.4 cents per gallon for every \$1 change in the price per barrel [of crude oil].”).

1 thereby passing on to Plaintiff and the class any increase in the wholesale price. Indeed, the National
 2 Association of Convenience Stores, a body which represents American gas stations, has confirmed
 3 that gas stations mark up the price they pay for gasoline by 35 cents a gallon on average when setting
 4 the price at the pump. The Figure below, which shows that U.S. gas prices follow the prices paid by
 5 U.S. refineries for crude oil, illustrates this dynamic.
 6

7 **Refiners Crude Oil Acquisition Costs vs U.S. Average Gasoline Prices (Adjusted for
 8 Inflation)**



19
 20 153. As such, the price of crude oil has a direct effect on the price of retail gasoline.¹³⁵
 21 Because crude oil is the primary raw material used to refine gasoline and diesel sold in the United
 22 States, and because changes in crude oil prices drove changes in gasoline and diesel prices paid by
 23 Plaintiff and members of the Class throughout the relevant period, Defendants' conspiracy had a direct
 24

25 ¹³⁵ Ian Thomas, *U.S. won't reach a new record in oil production 'ever again,' says Pioneer Natural*
 26 *Resources CEO*, CNBC (Mar. 9, 2023), [https://www.cnbc.com/2023/03/09/us-wont-reach-new-](https://www.cnbc.com/2023/03/09/us-wont-reach-new-record-oil-production-ever-again-pioneer-ceo.html)
 27 *record-oil-production-ever-again-pioneer-ceo.html* (In his 2023 State of the Union, President Biden
 28 said that U.S. gasoline prices were too high because oil producers invested "too little" of their "record
 profits" to ramp up domestic production and "used those record profits to buy back their own stock,
 rewarding their CEOs.").

1 effect on Plaintiff and class members who were forced to purchase gasoline or diesel at artificially
 2 inflated levels. Indeed, end user consumers and the commercial purchasers, who are class members
 3 here, bear much of the brunt of these artificially inflated gasoline and diesel prices. The impact is
 4 substantial: nearly all analysts agree that, as an empirical matter, the pass-through rates of shock oil
 5 prices to spot gasoline prices are close to 100%.¹³⁶ 109 And this impact is quickly felt by purchasers:
 6 on average, 60% of a change in bulk spot prices pass-through to the retail price in two weeks, 80% in
 7 four weeks, and 100% in just seven weeks.¹³⁷ 110 Diesel, too, sustains comparably high pass-through
 8 rates.

10 154. Furthermore, while retail gasoline and diesel prices are often quick to absorb price
 11 increases, they tend to react distinctly slower when oil prices decrease.¹³⁸ This asymmetrical pass-
 12 through dynamic, coined “rockets and feathers,” reveals the immediate yet enduring impact of
 13 Defendants’ artificially inflated gasoline and diesel prices on the commercial purchasers in this
 14

15
 16 ¹³⁶ FTC Bureau of Economics, *Gasoline Price Changes and the Petroleum Industry: An Update*,
 17 (2011) at 35, <https://www.ftc.gov/sites/default/files/documents/reports/federal-trade-commission-bureau-economics-gasoline-price-changes-and-petroleum-industry-update/federal-trade-commission-bureau-economics-gasoline-price-changes-and-petroleum-industry.pdf>. See Bumpass et al., *Retail and wholesale gasoline price adjustments in response to oil price changes*, Energy Economics (2015) at 54, <https://doi.org/10.1016/j.eneco.2015.08.030> (finding, from study using monthly U.S. city average pricing data, that “in the long run, a one-dollar increase in the price of oil per gallon increases the retail gasoline price by \$1.05 per gallon[.]”); Najmeh Kamyabi and Benaissa Chidmi, *Asymmetric Price Transmission between Crude Oil and the US Gasoline Market*, Journal of Risk and Financial Management (2023) at 6, <https://www.mdpi.com/1911-8074/16/7/326> (finding, on the state level, comparable pass-through rates of crude oil prices to regular gasoline prices). See also Kangni Kpodar and Chadi Abdallah, “Dynamic Fuel Price Pass-Through: Evidence from a New Global Retail Fuel Price Database,” IMF Working Paper, No. 16/254 (2016) at 25, <https://www.imf.org/external/pubs/ft/wp/2016/wp16254.pdf>, (finding, from study of 162 countries, that on average, a one cent increase in crude oil prices per liter translates to a 1.2 cent increase in retail gasoline prices per liter, meaning a 120% pass-through rate, six months after the shock.).

26 ¹³⁷ The U.S. regions with the fastest speeds, namely the Gulf Coast and Midwest, experience complete
 27 pass through in four-to-six weeks. FTC Bureau of Economics, *Gasoline Price Changes and the Petroleum Industry: An Update*, at 38 (2011).

28 ¹³⁸ Matthew Chesnes, *Asymmetric Pass-Through in U.S. Gasoline Prices*, The Energy Journal, Vol. 1, at 154, 157 (2016), <https://www.iaee.org/en/publications/init2.aspx?id=0>.

Class.¹³⁹

VIII. CLASS ACTION ALLEGATIONS

155. Plaintiff brings this action on behalf of itself and under Federal Rule of Civil Procedure 23(a), (b)(1), and (b)(2) as a representative of a class of indirect purchasers seeking injunctive relief (the “Nationwide Injunctive Relief Class”) defined as:

All persons and entities who purchased retail gasoline or retail diesel fuel for commercial use from a gas station or truck stop in the United States between January 1, 2021 and until the Defendants' unlawful conduct and its anticompetitive effects cease to persist.

156. Plaintiff also brings this action on behalf of itself and all others similarly situated as a class action under Federal Rules of Civil Procedure 23(a) and 23(b)(3), seeking damages as well as equitable relief, on behalf of the following class (the “State Law Class”):

All persons and entities who purchased retail gasoline or retail diesel fuel for commercial use from a gas station or truck stop in Alabama, Arizona, California, Colorado, Connecticut, the District of Columbia, Florida, Hawaii, Illinois, Iowa, Kansas, Maine, Maryland, Michigan, Minnesota, Mississippi, Nebraska, Nevada, New Hampshire, New Mexico, New York, North Carolina, North Dakota, Oregon, Rhode Island, South Dakota, Tennessee, Utah, and/or Vermont between January 1, 2021 and until the Defendants' unlawful conduct and its anticompetitive effects cease to persist.

157. For the purposes of these Class definitions, “purchased … for commercial use” includes all purchases made solely for business purposes, the cost of which was not fully reimbursed to the class member.

158. Specifically excluded from these Classes are Defendants; the officers, directors, or employees of any Defendant; any entity in which any Defendant has a controlling interest; and any affiliate, legal representative, heir, or assign of any Defendant. Also excluded from both Classes are

¹³⁹ See Sun, et al., *Asymmetric pass-through of oil prices to gasoline prices with interval time series modelling*, ENERGY ECONOMICS, Vol. 78 (2018) (collecting studies that indicate the asymmetric price pass-through relationship between crude oil prices and gasoline prices), <https://doi.org/10.1016/j.eneeco.2018.10.027>.

1 any federal, state, or local governmental entities, any judicial officer presiding over this action and the
2 members of his/her immediate family and judicial staff, any juror assigned to this action, any business
3 majority-owned by any such person, and any co-conspirator identified in this action.

4 159. Both Classes are so numerous as to make joinder impracticable. Plaintiff does not know
5 the exact number of Class members but the above-defined classes are readily identifiable and are ones
6 for which records should exist. Plaintiff believes that due to the nature of the product market there are
7 at least hundreds of thousands of members of both Classes in the United States.

8 160. Common questions of law and fact exist as to all members of both Classes. Plaintiff
9 and both Classes were injured by the same unlawful price-fixing conspiracy, and Defendants'
10 anticompetitive conduct was generally applicable to all the members of the Classes, and relief to both
11 Classes as a whole is appropriate. Common issues of fact and law include, but are not limited to, the
12 following:

- 15 a. whether Defendants and their co-conspirators engaged in a combination or conspiracy
16 to fix, raise, maintain, or stabilize the price of crude oil and/or gasoline and diesel fuel
17 in the United States;
- 18 b. the duration of the conspiracy alleged herein and the acts performed by Defendants and
19 their co-conspirators in furtherance of the conspiracy;
- 20 c. whether such combination or conspiracy violated the antitrust and consumer protection
21 laws of various states;
- 22 d. whether the conduct of Defendants and their co-conspirators, as alleged in this
23 Complaint, caused injury to the Plaintiff and other members of the Classes;
- 24 e. whether Defendants caused Plaintiff and the Class to suffer damages in the form of
25 overcharges on gasoline and diesel fuel;
- 26 f. the effect of Defendants' alleged conspiracy on the prices of retail gasoline and diesel

fuel sold in the United States during the Class Period;

g. the appropriate Class-wide measure of damages; and

h. the nature of appropriate injunctive relief to restore competition in the U.S. market for gasoline and diesel fuel.

161. Plaintiff's claims are typical of the claims of Class members, and Plaintiff will fairly and adequately protect the interests of both Classes. Plaintiff and all members of both Classes are similarly affected by Defendants' unlawful conduct in that they paid artificially inflated prices for gasoline and/or diesel fuel sold in the U.S., resulting from price-fixing in the crude oil market by cartel members.

162. Plaintiff's claims arise out of the same common course of conduct giving rise to the claims of the other members of the Classes. Plaintiff's interests are coincident with and typical of, and not antagonistic to, those of the other members of the Classes.

163. Plaintiff has retained counsel with substantial experience litigating complex antitrust class actions in myriad industries and courts throughout the nation.

164. The questions of law and fact common to the members of the Classes predominate over any questions affecting only individual members, including issues relating to liability and damages.

165. Class action treatment is a superior method for the fair and efficient adjudication of the controversy, in that, among other things, such treatment will permit a large number of similarly situated persons to prosecute their common claims in a single forum simultaneously, efficiently, and without the unnecessary duplication of evidence, effort, and expense that numerous individual actions would engender. The benefits of proceeding through the class mechanism, including providing injured persons or entities with a method for obtaining redress for claims that it might not be practicable to pursue individually, substantially outweigh any difficulties that may arise in management of this class action. Moreover, the prosecution of separate actions by individual members of the Classes would

create a risk of inconsistent or varying adjudications, establishing incompatible standards of conduct for Defendants.

166. Plaintiff knows of no difficulty likely to be encountered in the maintenance of this action as a class action under Federal Rule of Civil Procedure 23.

IX. CLAIMS FOR RELIEF

A. VIOLATION OF THE SHERMAN ACT

COUNT 1
VIOLATION OF 15 U.S.C. § 1
(On Behalf of the Nationwide Injunctive Relief Class)

167. Plaintiff incorporates and realleges, as though fully set forth herein, each and every allegation set forth in the preceding paragraphs of this Complaint.

168. From at least January 1, 2021, and continuing through the present, the exact dates being unknown to Plaintiff, Defendants and their co-conspirators entered into a continuing agreement, understanding, and conspiracy in restraint of trade artificially to fix, raise, and stabilize price for crude oil and retail gasoline and diesel fuel in the United States, including by restraining their respective production volumes, in violation of Section 1 of the Sherman Act (15 U.S.C. §1).

169. In formulating and carrying out the alleged agreement, understanding, and conspiracy, Defendants and their co-conspirators did those things that they combined and conspired to do, including but not limited to the acts, practices, and course of conduct set forth above, and the fixing, raising, and stabilizing of the price of crude oil, retail gasoline, and retail diesel fuel.

170. The combination and conspiracy alleged herein has had the following effects, among others:

- a. Price competition in the sale of crude oil has been restrained, suppressed, and/or eliminated in the United States;
- b. Prices for crude oil sold by defendants and all of their co-conspirators have been fixed,

raised, maintained and stabilized at artificially high, noncompetitive levels throughout the United States; and

c. Those who purchased retail gasoline or retail diesel fuel indirectly from defendants and their coconspirators for their commercial use have been deprived of the benefits of free and open competition, and paid artificially high prices for gasoline and/or diesel fuel.

171. Plaintiff and members of the Classes have been injured and will continue to be injured in their businesses and property by paying more for retail gasoline and/or retail diesel fuel purchased indirectly from the defendants and their co-conspirators for their commercial use than they would have paid and will pay in the absence of the combination and conspiracy.

172. Plaintiff and members of the classes are entitled to an injunction against Defendants, preventing and restraining the violations alleged herein.

B. VIOLATIONS OF STATE ANTITRUST LAWS

173. Plaintiff repeats and realleges, as if fully set forth herein, each allegation, and each of the state-specific causes of action described below incorporates the allegations as if fully set forth therein.

174. During the Class Period, Defendants and their co-conspirators entered and engaged in a contract, combination, or conspiracy to fix, decrease, stabilize, or maintain at artificially low levels, the production of shale oil in various states to unreasonably restrain trade and commerce and harm consumers in violation of the various state antitrust and consumer protection laws set forth below.

175. In formulating and effectuating this conspiracy, Defendants and their coconspirators performed acts in furtherance of the combination and conspiracy, including: agreeing to fix, decrease, maintain, or stabilize shale oil production at artificially low levels, thereby raising, fixing, and stabilizing crude oil prices, which injured Plaintiff and members of the Classes; exchange of competitively sensitive information between and among Defendants; and participating in meetings

conversations among themselves in the United States and elsewhere to implement, adhere to, and police the unlawful agreements they reached.

176. Defendants and their co-conspirators engaged in actions described above for the purpose of carrying out their unlawful agreements to fix, increase, maintain, or stabilize crude oil prices at artificially high levels. As a direct and proximate result of Defendants' conduct, Plaintiff and members of the Classes were deprived of free and open competition and paid more to purchase gasoline and/or diesel fuel than they otherwise would have in the absence of Defendants' unlawful conduct. This injury is of the type that the antitrust and consumer protection laws of the below states were designed to prevent and flows from that which makes Defendants' conduct unlawful.

177. In addition, Defendants have profited significantly from the conspiracy. Defendants' profits derived from their anticompetitive conduct and come at the expense of and to the detriment of Plaintiff and members of the Classes.

178. Accordingly, Plaintiff and the members of the State Law Damages Class in each of the following jurisdictions seek damages (including statutory damages where applicable), to be trebled or otherwise increased as permitted by each particular jurisdiction's law, injunction (where applicable), and costs of suit, including reasonable attorneys' fees, to the extent permitted by the following state laws.

179. Defendants' anticompetitive acts described above were knowing and willful and constitute violations of the following state antitrust and consumer protection statutes.

180. In the Counts that follow, a reference to the "Class" is a reference to the State Law Class unless otherwise specified.

COUNT 2: ALABAMA
**(On Behalf of Class Members that Purchased Retail Gasoline
or Diesel Fuel in Alabama)**

181. Due to Defendants' unlawful conduct, (1) competition for crude oil, gasoline, and diesel

1 fuel was restrained, suppressed, and eliminated within Alabama; (2) gasoline and diesel fuel prices in
 2 the State of Alabama were raised, fixed, maintained, stabilized at artificially high levels; and (3)
 3 individuals have been deprived of free and open competition. Defendants' agreement was an unlawful
 4 agreement to restrain trade in the State of Alabama in violation of ALA. CODE §6-5-60 *et seq.*
 5 Defendants' conspiracy substantially affected Alabama commerce and accordingly, Plaintiff and the
 6 members of the Class seek all forms of relief available under ALA. CODE §6-5-60 *et seq.*
 7

8 **COUNTS 3 & 4: ARIZONA**

9 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Arizona)**

10 182. Defendants' conspiracies had the following effects: (1) price competition for crude oil,
 11 gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout Arizona; (2) prices of
 12 gasoline and diesel fuel in the State of Arizona were raised, fixed, maintained, stabilized at artificially
 13 high levels; and (3) individuals have been deprived of free and open competition. During the Class
 14 Period, Defendants' illegal conduct substantially affected Arizona commerce.

15 183. Defendants' agreement was an unlawful agreement to restrain trade in the State of
 16 Arizona in violation of ARIZ. REV. STAT. §44-1401 *et seq.* Accordingly, Plaintiff and members of
 17 the Class seek all forms of relief available under ARIZ. REV. STAT. §44-1401 *et seq.*

18 184. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
 19 in violation of Ariz. Rev. Stat. Ann. §44-1521 *et seq.*, and, accordingly, Plaintiff and members of the
 20 Class seek all relief available under that statute.

21 **COUNTS 5 & 6: CALIFORNIA**

22 **(On Behalf of Class Members that Purchased Retail Gasoline
 23 or Diesel Fuel in California)**

24 185. Defendants' conspiracies had the following effects: (1) price competition for crude oil,
 25 gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout California; (2) gasoline
 26 and diesel fuel prices in the State of California were raised, fixed, maintained, stabilized at artificially
 27 high levels; and (3) individuals have been deprived of free and open competition. During the Class
 28

Period, Defendants' illegal conduct substantially affected California commerce and consumers.

186. Defendants have entered into an unlawful agreement in restraint of trade in violation of CAL. BUS. & PROF. CODE §16700 *et seq.* During the Class Period, Defendants and their co-conspirators entered into and engaged in a continuing unlawful trust in restraint of the trade and commerce. Each defendant has acted in violation of CAL. BUS. & PROF. CODE §16720 to fix, reduce, stabilize, and maintain crude oil production. The violations of CAL. BUS. & PROF. CODE §16720 consisted, without limitation, of a continuing unlawful trust and concert of action among Defendants and their co-conspirators, the substantial terms of which were to fix, reduce, maintain, and stabilize the production of domestic shale oil. For the purpose of forming and effectuating the unlawful trust, Defendants and their co-conspirators have done those things which they combined and conspired to do, including, but not limited to, the acts, practices and course of conduct set forth above, and creating a price floor, fixing, raising, and stabilizing the prices of gasoline and diesel fuel. As a result of Defendants' violation of CAL. BUS.&PROF. CODE §16720, Plaintiff and members of the Class seek treble damages and their cost of suit, including a reasonable attorneys' fee, pursuant to CAL. BUS. & PROF. CODE §16750(a).

187. Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Cal. Bus. & Prof. Code §17200 *et seq.*, and, accordingly, Plaintiff and members of the Class seek all relief available under that statute.

COUNTS 7 & 8: COLORADO
**(On Behalf of Class Members that Purchased Retail Gasoline
or Diesel Fuel in Colorado)**

188. Defendants' conspiracies had the following effects: (1) price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout Colorado; (2) gasoline and diesel fuel prices in the State of Colorado were raised, fixed, maintained, and stabilized at artificially high levels; and (3) individuals have been deprived of free and open competition. During

1 the Class Period, Defendants' illegal conduct substantially affected Colorado commerce and
2 consumers.

3 189. Defendants have violated Colo. Rev. Stat. §6-4-101 *et seq.* Accordingly, Plaintiff and
4 members of the Class seek all forms of relief available under violated Colo. Rev. Stat. §6-4- 101, *et*
5 *seq.*

6 190. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
7 in violation of Colo. Rev. Stat. §6-1-101 *et seq.* and, accordingly, Plaintiff and members of the Class
8 seek all relief available under that statute.

9

10 **COUNT 9: CONNECTICUT**
11 **(On Behalf of Class Members that Purchased Retail Gasoline**
12 **or Diesel Fuel in Connecticut)**

13 191. Defendants have entered into an unlawful agreement in restraint of trade in violation of
14 Conn. Gen. Stat. §35-24 *et seq.* Defendants' combinations or conspiracies had the following effects:
15 (1) price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
16 throughout Connecticut, and (2) gasoline prices in the State of Connecticut were fixed, controlled, and
17 maintained at artificially high levels; and (3) individuals have been deprived of free and open
18 competition. During the Class Period, Defendants' illegal conduct substantially affected Connecticut
19 commerce. By reason of the foregoing, Defendants have entered into agreements in restraint of trade
20 in violation of Conn. Gen. Stat. §35-24 *et seq.* Accordingly, Plaintiff and members of the Class seek
21 all forms of relief available under Conn. Gen. Stat. §35-24 *et seq.*

22

23 **COUNTS 10 & 11: DISTRICT OF COLUMBIA**
24 **(On Behalf of Class Members that Purchased Retail Gasoline**
25 **or Diesel Fuel in District of Columbia)**

26 192. Defendants' combinations or conspiracies had the following effects: (1) price
27 competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
28 throughout the District of Columbia; (2) gasoline and diesel fuel prices were raised, fixed, maintained,

1 and stabilized at artificially high levels throughout the District of Columbia; and (3) Plaintiff and
 2 members of the Class, including those who resided in the District of Columbia and purchased gasoline
 3 or diesel fuel in the District of Columbia, paid supra-competitive, artificially inflated prices for
 4 gasoline and/or diesel fuel. During the Class Period, Defendants' illegal conduct substantially affected
 5 commerce in the District of Columbia.
 6

7 193. Defendants have entered into agreements in restraint of trade in violation of D.C. CODE
 8 §28-4501 *et seq.* Accordingly, Plaintiff and members of the Class seek all forms of relief available
 9 under D.C. CODE, §28-4501 *et seq.*

10 194. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
 11 in violation of D.C. CODE, §28-3901 *et seq.*, and, accordingly, Plaintiff and members of the Class
 12 seek all relief available under that statute.
 13

14 **COUNTS 12 & 13: FLORIDA**
 15 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Florida)**

16 195. Through their actions and actions of co-conspirators, crude oil, gasoline, and diesel fuel
 17 prices in the State of Florida were raised, fixed, maintained, and stabilized at artificially high level,
 18 thereby injuring Plaintiff and the Class. Throughout the Class Period, competition in the gasoline and
 19 diesel fuel market was restrained, suppressed, and eliminated throughout Florida. Plaintiff and
 20 members of the Class, including those who purchased gasoline or diesel fuel in the State of Florida,
 21 paid supra-competitive, artificially inflated prices for gasoline and/or diesel fuel. During the Class
 22 Period, Defendants' illegal conduct substantially affected commerce in Florida.
 23

24 196. Defendants have violated the FLA. STAT. §542.15 *et seq.*, through their
 25 anticompetitive actions. Accordingly, Plaintiff and members of the Class seek all forms of relief
 26 available under FLA. STAT. §542.15 *et seq.*

27 197. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
 28 in violation of Fla. Stat. §501.201 *et seq.*, and, accordingly, Plaintiff and members of the Class seek

1 all relief available under that statute.

2 **COUNT 14: HAWAII**

3 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Hawaii)**

4 198. Defendants have violated Haw. Rev. Stat. Ann. §480-1 *et seq.*, through their actions.

5 See HAW. REV. STAT. §§480-4, 480-13. Through Defendants' actions and the actions of their co-
 6 conspirators, gasoline and diesel fuel prices in the State of Hawaii were raised, fixed, maintained, and
 7 stabilized at artificially high levels, thereby injuring Plaintiff and the Class. Throughout the Class
 8 Period, price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and
 9 eliminated throughout the State of Hawaii. Plaintiff and members of the Class, including those who
 10 resided in the State of Hawaii and purchased gasoline or diesel fuel in Hawaii, paid supra-competitive,
 11 artificially inflated prices for their gasoline and/or diesel fuel. During the Class Period, Defendants'
 12 illegal conduct substantially affected commerce in Hawaii. Accordingly, Plaintiff and members of the
 13 Class seek all forms of relief available under HAW. REV. STAT. ANN. §480-1 *et seq.*

14 **COUNTS 15 & 16: ILLINOIS**

15 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Illinois)**

16 199. Defendants' combinations or conspiracies had the following effects: (1) price
 17 competition in the crude oil, gasoline, and diesel fuel market was restrained, suppressed, and
 18 eliminated throughout the State of Illinois, and (2) gasoline and diesel fuel prices were raised, fixed,
 19 maintained, and stabilized at artificially high levels throughout the State of Illinois. During the Class
 20 Period, Defendants' illegal conduct substantially affected Illinois commerce.

21 200. Defendants have entered into agreements in restraint of trade in violation of 740 Ill.
 22 Comp. Stat. 10/1 *et seq.* Accordingly, Plaintiff and members of the Class seek all forms of relief
 23 available under 740 Ill. Comp. Stat. 10/1 *et seq.*

24 201. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
 25 in violation of 815 Ill. Comp. Stat. 505/1 *et seq.*, and 720 Ill. Comp. Stat. 295/1a, and, accordingly,

1 Plaintiff and members of the Class seek all relief available under that statute.

2 **COUNT 17: IOWA**

3 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Iowa)**

4 202. Defendants have entered into an unlawful agreement in restraint of trade in violation of
5 IOWA CODE §553.1 *et seq.* Defendants' combinations or conspiracies had the following effects: (1)
6 price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
7 throughout the State of Iowa, and (2) gasoline and diesel fuel prices were raised, fixed, maintained and
8 stabilized at artificially high levels throughout the State of Iowa. During the Class Period, Defendants'
9 illegal conduct substantially affected Iowa commerce. By reason of the foregoing, Defendants have
10 entered into agreements in restraint of trade in violation of IOWA CODE §553.1 *et seq.* Accordingly,
11 Plaintiff and members of the Class seek all forms of relief available under Iowa Code §553.1 *et seq.*

12 **COUNT 18: KANSAS**

13 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Kansas)**

14 203. Defendants have entered into an unlawful agreement in restraint of trade in violation of
15 KAN. STAT. ANN. §50-101 *et seq.* Defendants' combinations or conspiracies had the following
16 effects: (1) price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and
17 eliminated throughout the State of Kansas; (2) gasoline and diesel fuel prices in the State of Kansas
18 were raised, fixed, maintained, and stabilized at artificially high levels; and (3) individuals have been
19 deprived of free and open competition. During the Class Period, Defendants' illegal conduct
20 substantially affected Kansas commerce. Accordingly, Plaintiff and members of the Class seek all
21 forms of relief available under KAN. STAT. ANN. §50-101 *et seq.*

22 **COUNT 19: MAINE**

23 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Maine)**

24 204. Defendants have entered into an unlawful agreement in restraint of trade in violation of
25 ME. STAT. TIT. 10, §1101. Defendants' combinations or conspiracies had the following effects: (1)
26 price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated

1 throughout the State of Maine; and (2) gasoline and diesel fuel prices in the State of Maine were raised,
 2 fixed, maintained, and stabilized at artificially high levels. During the Class Period, Defendants' illegal
 3 conduct substantially affected Maine commerce. Accordingly, Plaintiff and members of the Class seek
 4 all relief available under ME. STAT. TIT. 10, §1104.

5 **COUNTS 20& 21: MARYLAND**
 6 **(On Behalf of Class Members that Purchased Retail Gasoline**
 7 **or Diesel Fuel in Maryland)**

8 205. Defendants' combinations or conspiracies detrimentally affected the price competition
 9 in the State of Maryland for crude oil, gasoline, and diesel fuel by restraining, suppressing, and
 10 eliminating competition. Furthermore, Defendants' unlawful conduct raised, fixed, maintained, and
 11 stabilized gasoline and diesel fuel prices in the State of Maryland at artificially high levels. During the
 12 Class Period, Defendants' illegal conduct substantially affected Maryland commerce.

13 206. Defendants violated the MD. CODE ANN., COM. LAW §11-201 *et seq.*, by entering
 14 into unlawful agreement in restraint of trade in the State of Maryland. Accordingly, Plaintiff and
 15 members of the Class seek all relief available under MD. CODE ANN., COM. LAW §11-201 *et seq.*

16 207. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
 17 in violation of Md. Code Ann., Com. Law §13-101 *et seq.*, and, accordingly, Plaintiff and members of
 18 the Class seek all relief available under that statute.

19 **COUNTS 22 & 23: MICHIGAN**
 20 **(On Behalf of Class Members that Purchased Retail Gasoline**
 21 **or Diesel Fuel in Michigan)**

22 208. Defendants' combinations or conspiracies had the following effects: (1) price
 23 competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
 24 throughout the State of Michigan, and (2) gasoline and diesel fuel prices were raised, fixed, maintained,
 25 and stabilized at artificially high levels throughout the State of Michigan. During the Class Period,
 26 Defendants' illegal conduct substantially affected Michigan commerce.

209. Defendants have entered into an unlawful agreement in restraint of trade in violation of MICH.COMP.LAWS §445.771 *et seq.* Accordingly, Plaintiff and members of the Class seek all relief available under MICH. COMP. LAWS §445.771 *et seq.*

210. Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Mich. Comp. Laws §445.903 *et seq.*, and, accordingly, Plaintiff and members of the Class seek all relief available under that statute.

COUNTS 24 & 25: MINNESOTA
**(On Behalf of Class Members that Purchased Retail Gasoline
or Diesel Fuel in Minnesota)**

211. Through their actions and actions of co-conspirators, gasoline and diesel fuel prices in the State of Minnesota were raised, fixed, maintained, and stabilized at an artificially high level, thereby injuring Plaintiff and the Class. Throughout the Class Period, price competition in the market for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout the State of Minnesota. Plaintiff and members of the Class, including those who resided in the State of Minnesota and purchased gasoline or diesel fuel there, paid supra-competitive, artificially inflated prices for gasoline and/or diesel fuel. During the Class Period, Defendants' illegal conduct substantially affected commerce in the State of Minnesota.

212. Defendants have violated the MINN. STAT. §325D.49 *et seq.*, through their anticompetitive actions. Accordingly, Plaintiff and members of the Class seek all forms of relief available under MINN. STAT. §325D.49 *et seq.*

213. Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation Minn. Stat. Minn. Stat. §325d.43-48 *et seq.*, and, accordingly, Plaintiff and members of the Class seek all relief available under that statute.

COUNT 26: MISSISSIPPI
**(On Behalf of Class Members that Purchased Retail Gasoline
or Diesel Fuel in Mississippi)**

214. Defendants have entered into an unlawful agreement in restraint of trade in violation of MISS. CODE ANN. §75-21-1 *et seq.* See Miss. Code Ann. §75-57-63. Defendants' combinations or conspiracies had the following effects: (1) price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout the State of Mississippi, and (2) gasoline and diesel fuel prices were raised, fixed, maintained, and stabilized at artificially high levels throughout the State of Mississippi. During the Class Period, Defendants' illegal conduct substantially affected the State of Mississippi commerce. Accordingly, Plaintiff and members of the Class seek all relief available under MISS. CODE ANN. §75-21-1 *et seq.*, and MISS. CODE ANN. §75-57-63.

COUNTS 27 & 28: NEBRASKA
**(On Behalf of Class Members that Purchased Retail Gasoline
or Diesel Fuel in Nebraska)**

215. Defendants' combinations or conspiracies had the following effects: (1) price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout the State of Nebraska, and (2) gasoline and diesel fuel prices were raised, fixed, maintained, and stabilized at artificially high levels throughout the State of Nebraska. During the Class Period, Defendants' illegal conduct substantially affected the State of Nebraska commerce.

216. Defendants restrained trade and commerce in the State of Nebraska by entering into an unlawful agreement in violation of NEB. REV. STAT. §59-801 *et seq.* Accordingly, Plaintiff and members of the Class seek all relief available under NEB. REV. STAT. §59-801 *et seq.*

217. Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Neb. Rev. Stat. §59-1601 *et seq.*, and, accordingly, Plaintiff and members of the Class seek all relief available under that statute.

COUNTS 29 & 30: NEVADA**(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Nevada)**

218. Defendants' conspiracies had the following effects: (1) price competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout the State of Nevada; (2) gasoline and diesel fuel prices in the State of Nevada were raised, fixed, maintained, stabilized at artificially high levels; and (3) individuals have been deprived of free and open competition.

219. Defendants violated the Nev. Rev. Stat. Ann. §598A.210 *et seq.*, by entering into unlawful agreement in restraint of trade in the State of Nevada. As a result of Defendants' violation of Nev. Rev. Stat. Ann. §598A.210 *et seq.* Plaintiff and members of the Class seek treble damages and their cost of suit, including a reasonable attorneys' fee, pursuant to Nev. Rev. Stat. Ann. §598A.210.

220. Defendants have engaged in unfair competition or unfair or deceptive acts or practices in violation of Nev. Rev. Stat. §598.0903 *et seq.*, and, accordingly, Plaintiff and members of the Class seek all relief available under that statute.

COUNTS 31 & 32: NEW HAMPSHIRE**(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in New Hampshire)**

221. Defendants' combinations or conspiracies detrimentally affected the price competition in the State of New Hampshire crude oil, gasoline, and diesel fuel market by restraining, suppressing, and eliminating competition. Further, Defendants' unlawful conduct raised, fixed, maintained, and stabilized gasoline and diesel fuel prices in the State of New Hampshire at artificially high levels. During the Class Period, Defendants' illegal conduct substantially affected the State of New Hampshire commerce.

222. Defendants have entered into an unlawful agreement in restraint of trade in violation of N.H. REV. STAT. ANN. §356:1 *et seq.* Accordingly, Plaintiff and members of the Class seek all relief available under N.H. REV. STAT. ANN. §356:1 *et seq.*

223. Defendants have engaged in unfair competition or unfair or deceptive acts or practices

1 in violation of N.H. Rev. Stat. Ann. §358-A:1 *et seq.*, and, accordingly, Plaintiff and members of the
 2 Class seek all relief available under that statute.

3 **COUNTS 33 & 34: NEW MEXICO**
 4 **(On Behalf of Class Members that Purchased Retail Gasoline**
 5 **or Diesel Fuel in New Mexico)**

6 224. Defendants' combinations or conspiracies detrimentally affected the price competition
 7 in the State of New Mexico for crude oil, gasoline, and diesel fuel by restraining, suppressing, and
 8 eliminating competition. Furthermore, Defendants' unlawful conduct raised, fixed, maintained and
 9 stabilized gasoline and diesel fuel prices in the State of New Mexico at artificially high levels. During
 10 the Class Period, Defendants' illegal conduct substantially affected commerce in the State of New
 11 Mexico.

12 225. Defendants violated the N.M. STAT.ANN. §57-1-1 *et seq.*, by entering into unlawful
 13 agreement in restraint of trade in the State of New Mexico. Accordingly, Plaintiff and Members of the
 14 Class seek all relief available under N.M. STAT. ANN. §57-1-1 *et seq.*

16 226. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
 17 in violation of N.M. Stat. Ann. §57-12-1 *et seq.*, and, accordingly, Plaintiff and members of the Class
 18 seek all relief available under that statute.

19 **COUNT 35: NEW YORK**
 20 **(On Behalf of Class Members that Purchased Retail Gasoline**
 21 **or Diesel Fuel in New York)**

22 227. Defendants have entered into an unlawful agreement in restraint of trade in violation of
 23 N.Y. GEN. BUS. LAW §340 *et seq.* Defendants' combinations or conspiracies had the following
 24 effects: (1) price competition in the market for crude oil, gasoline, and diesel fuel was restrained,
 25 suppressed, and eliminated throughout the State of New York, and (2) gasoline and diesel fuel prices
 26 were raised, fixed, maintained, and stabilized at artificially high levels throughout the State of New
 27 York. During the Class Period, Defendants' illegal conduct substantially affected the State of New
 28

1 York commerce. The conduct set forth above is a per se violation of the Donnelly Act, N.Y. GEN.
 2 BUS. LAW §340 *et seq.* Accordingly, Plaintiff and members of the Class seek all relief available under
 3 N.Y. GEN. BUS. LAW §340 *et seq.*

4

COUNT 36: NORTH CAROLINA
 5 **(On Behalf of Class Members that Purchased Retail Gasoline**
 6 **or Diesel Fuel in North Carolina)**

7 228. Defendants have entered into an unlawful agreement in restraint of trade in violation of
 8 N.C. GEN. STAT. §75-1 *et seq.* Defendants' combinations or conspiracies had the following effects:
 9 (1) price competition in the market for crude oil, gasoline, and diesel fuel was restrained, suppressed,
 10 and eliminated throughout the State of North Carolina, and (2) gasoline and diesel fuel prices were
 11 raised, fixed, maintained, and stabilized at artificially high levels throughout the State of North
 12 Carolina. During the Class Period, Defendants' illegal conduct substantially affected the State of North
 13 Carolina commerce. Accordingly, Plaintiff and members of the Class seek all relief available under
 14 N.C. GEN. STAT. §75-1 *et seq.*

16

COUNT 37: NORTH DAKOTA
 17 **(On Behalf of Class Members that Purchased Retail Gasoline**
 18 **or Diesel Fuel in North Dakota)**

19 229. Defendants' actions have violated the N.D. CENT. CODE §51-08.1-01 *et seq.* through
 20 their anticompetitive actions. Through their actions and actions of co-conspirators, gasoline and diesel
 21 fuel prices in the State of North Dakota were raised, fixed, maintained, and stabilized at artificially
 22 high level, thereby injuring Plaintiff and the Class. Throughout the Class Period, price competition in
 23 the market for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
 24 throughout the State of North Dakota. Plaintiff and members of the Class, including those who resided
 25 in the State of North Dakota and purchased gasoline or diesel fuel there, paid supra-competitive,
 26 artificially inflated prices. During the Class Period, Defendants' illegal conduct substantially affected
 27 commerce in the State of North Dakota. Accordingly, Plaintiff and members of the Class seek all forms
 28

1 of relief available under N.D. CENT. CODE §51-08.1-01 *et seq.*

2 **COUNTS 38 & 39: OREGON**

3 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Oregon)**

4 230. Defendants' combinations or conspiracies had the following effects: (1) price
5 competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
6 throughout the State of Oregon; (2) gasoline and diesel fuel prices in the State of Oregon were raised,
7 fixed, maintained, and stabilized at artificially high levels; and (3) individuals have been deprived of
8 free and open competition. During the Class Period, Defendants' illegal conduct substantially affected
9 the State of Oregon commerce.

10 231. Defendants have entered into an unlawful agreement in restraint of trade in violation of
11 OR. REV. STAT. §646.725 *et seq.* Accordingly, Plaintiff and members of the Class seek all forms of
12 relief available under OR. REV. STAT. §646.725 *et seq.*

13 232. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
14 in violation of Or. Rev. Stat. §646.605 *et seq.*, and, accordingly, Plaintiff and members of the Class
15 seek all relief available under that statute.

16 **COUNTS 40 & 41: RHODE ISLAND**

17 **(On Behalf of Class Members that Purchased Retail Gasoline
18 or Diesel Fuel in Rhode Island)**

20 233. Defendants' combinations or conspiracies detrimentally affected the price competition
21 in the State of Rhode Island for crude oil, gasoline, and diesel fuel market by restraining, suppressing,
22 and eliminating competition. Furthermore, Defendants' unlawful conduct raised, fixed, maintained,
23 and stabilized gasoline and diesel fuel prices in the State of Rhode Island at artificially high levels.
24 During the Class Period, Defendants' illegal conduct substantially affected commerce in the State of
25 Rhode Island.

27 234. Defendants have entered into an unlawful agreement in restraint of trade in violation of
28 R.I. Gen. Laws §6-36-7 *et seq.* Accordingly, Plaintiff and Members of the Class seek all relief available

1 under R.I. Gen. Laws §6-36-7 *et seq.*

2 235. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
3 in violation of R.I. Gen. Laws §6-13.1-1, and, accordingly, Plaintiff and members of the Class seek all
4 relief available under that statute.

5 **COUNTS 42 & 43: SOUTH DAKOTA**
6 **(On Behalf of Class Members that Purchased Retail Gasoline**
7 **or Diesel Fuel in South Dakota)**

8 236. Through their actions and actions of co-conspirators, gasoline prices in the State of
9 South Dakota were raised, fixed, maintained, and stabilized at artificially high level, thereby injuring
10 Plaintiff and the Class. Throughout the Class Period, price competition in the market for crude oil,
11 gasoline, and diesel fuel was restrained, suppressed, and eliminated throughout the State of South
12 Dakota. During the Class Period, Defendants' illegal conduct substantially affected commerce in the
13 State of South Dakota. Plaintiff and members of the Class, including those who resided in the State of
14 South Dakota and purchased gasoline or diesel fuel there, paid supra-competitive, artificially inflated
15 prices for their gasoline and/or diesel fuel.

16 237. Defendants have violated S.D. CODIFIED LAWS §37-1-3.1 *et seq.*, through their
17 anticompetitive actions. Accordingly, Plaintiff and members of the Class seek all forms of relief
18 available under S.D. CODIFIED LAWS §37-1-3.1 *et seq.*

19 238. Defendants have engaged in unfair competition or unfair or deceptive acts or practices
20 in violation of S.D. Codified Laws §37-24-1 *et seq.*, and, accordingly, Plaintiff and members of the
21 Class seek all relief available under that statute.

22 **COUNT 44: TENNESSEE**
23 **(On Behalf of Class Members that Purchased Retail Gasoline**
24 **or Diesel Fuel in Tennessee)**

25 239. Defendants have entered into an unlawful agreement in restraint of trade in violation of
26 TENN. CODE ANN. §47-25-101 *et seq.* Defendants' combinations or conspiracies had the following
27

1 effects: (1) price competition for the sale of gasoline and diesel fuel, tangible goods, was restrained,
 2 suppressed, and eliminated throughout the State of Tennessee; (2) prices for gasoline and diesel fuel,
 3 tangible goods, in the State of Tennessee were raised, fixed, maintained, and stabilized at artificially
 4 high levels; and (3) individuals have been deprived of free and open competition. During the Class
 5 Period, Defendants' illegal conduct substantially affected commerce in the State of Tennessee.
 6 Accordingly, Plaintiff and members of the Class seek all forms of relief available under TENN. CODE
 7 ANN. §47-25-101 *et seq.*

9 **COUNT 45: UTAH**

10 **(On Behalf of Class Members that Purchased Retail Gasoline or Diesel Fuel in Utah)**

11 240. Defendants violated the UTAH CODE ANN. §76-10-3101 *et seq.* by entering into
 12 unlawful agreement in restraint of trade in the State of Utah. Specifically, Defendants' combinations
 13 or conspiracies detrimentally affected the price competition in the State of Utah for the crude oil,
 14 gasoline, and diesel fuel market by restraining, suppressing, and eliminating competition. Furthermore,
 15 Defendants' unlawful conduct raised, fixed, maintained, and stabilized gasoline and diesel fuel prices
 16 in Utah at artificially high levels. During the Class Period, Defendants' illegal conduct substantially
 17 affected commerce in the State of Utah. Accordingly, Plaintiff and Members of the Class seek all relief
 18 available under UTAH CODE ANN. §76-10-3101 *et seq.*

19 **COUNT 46: VERMONT**

20 **(On Behalf of Class Members that Purchased Retail Gasoline
 21 or Diesel Fuel in Vermont)**

22 241. Defendants combinations or conspiracies had the following effects: (1) price
 23 competition for crude oil, gasoline, and diesel fuel was restrained, suppressed, and eliminated
 24 throughout the State of Vermont; (2) gasoline and diesel fuel prices in the State of Vermont were
 25 raised, fixed, maintained, and stabilized at artificially high levels; and (3) individuals have been
 26 deprived of free and open competition. Defendants have entered into an unlawful agreement in restraint
 27 of trade in violation of VT. STAT. ANN. TIT. 9, §2453 *et seq.* During the Class Period, Defendants'
 28

1 illegal conduct substantially affected commerce in the State of Vermont. Accordingly, Plaintiff and
2 members of the Class seek all forms of relief available under VT. STAT. ANN. TIT. 9, §2465 *et seq.*
3

4 **X. PRAYER FOR RELIEF**

5 WHEREFORE, Plaintiff, on behalf of itself and the Classes of all others so similarly situated,
6 respectfully requests that:

7 A. The Court determine that this action may be maintained as a class action under
8 Fed. R. Civ. P. 23(a) and (b)(3), appoint Plaintiff as Class Representative and its counsel of record as
9 Class Counsel, and direct that notice of this action, as provided by Fed. R. Civ. P. 23(c)(2) be given to
10 the Classes, once certified;

11 B. The Court adjudge and decree that the acts of Defendants are illegal and
12 unlawful, including the agreement, contract, combination, or conspiracy, and acts done in furtherance
13 thereof by Defendants and their co-conspirators be adjudged to have been a *per se* violation (or
14 alternatively illegal as a quick look or full-fledged rule of reason violation) of various state antitrust
15 and competition laws as alleged above;

16 C. The Court permanently enjoin and restrain Defendants, their affiliates,
17 successors, transferees, assignees, and other officers, directors, agents, and employees thereof, and all
18 other persons acting or claiming to act on their behalf, from in any manner continuing, maintaining, or
19 renewing the conduct, contract, conspiracy, or combination alleged herein, or from entering into any
20 other contract, conspiracy, or combination having a similar purpose or effect, and from adopting or
21 following any practice, plan, program, or device having a similar purpose or effect;

22 D. The Court enter judgment against Defendants, jointly and severally, and in favor
23 of Plaintiff and members of the Class for treble the amount of damages sustained by Plaintiff and the
24 Class as allowed by law, together with costs of the action, including reasonable attorneys' fees, pre-
25 and post-judgment interest at the highest legal rate from and after the date of service of this Complaint
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1 to the extent provided by law; and

2 E. The Court award Plaintiff and members of the Classes such other and further
3 relief as the case may require and the Court may deem just and proper under the circumstances.

4 **XI. JURY TRIAL DEMANDED**

5 Plaintiff demands a trial by jury, pursuant to Rule 38(b) of the Federal Rules of Civil Procedure,
6 of all issues so triable.

7 DATED: January 24, 2024

8 By :/s/ *Martin A. Muckleroy*

9 Martin A. Muckleroy
10 **MUCKLEROY LUNT, LLC**
11 6077 S. Fort Apache Rd., Ste 140
12 Las Vegas, NV 89148
13 Phone (702) 907-0097
14 Fax (702) 938-4065
15 martin@muckleroylunt.com

16 *Proposed Counsel for Plaintiff and the
17 Proposed Classes*

18 Brian D. Clark (*pro hac vice* forthcoming)
19 Rebecca A. Peterson (*pro hac vice*
20 forthcoming)
21 Stephen J. Teti (*pro hac vice* forthcoming)
22 Arielle S. Wagner (*pro hac vice* forthcoming)
23 **LOCKRIDGE GRINDAL NAUEN PLLP**
24 100 Washington Avenue S, Suite 2200
25 Minneapolis, MN 55401
26 Phone: (612) 339-6900
27 Fax: (612) 339-0981
28 bdclark@locklaw.com
 rapeterson@locklaw.com
 sjteti@locklaw.com
 aswagner@locklaw.com

29 *Proposed Interim Lead Counsel for Plaintiff
30 and the Proposed Classes*